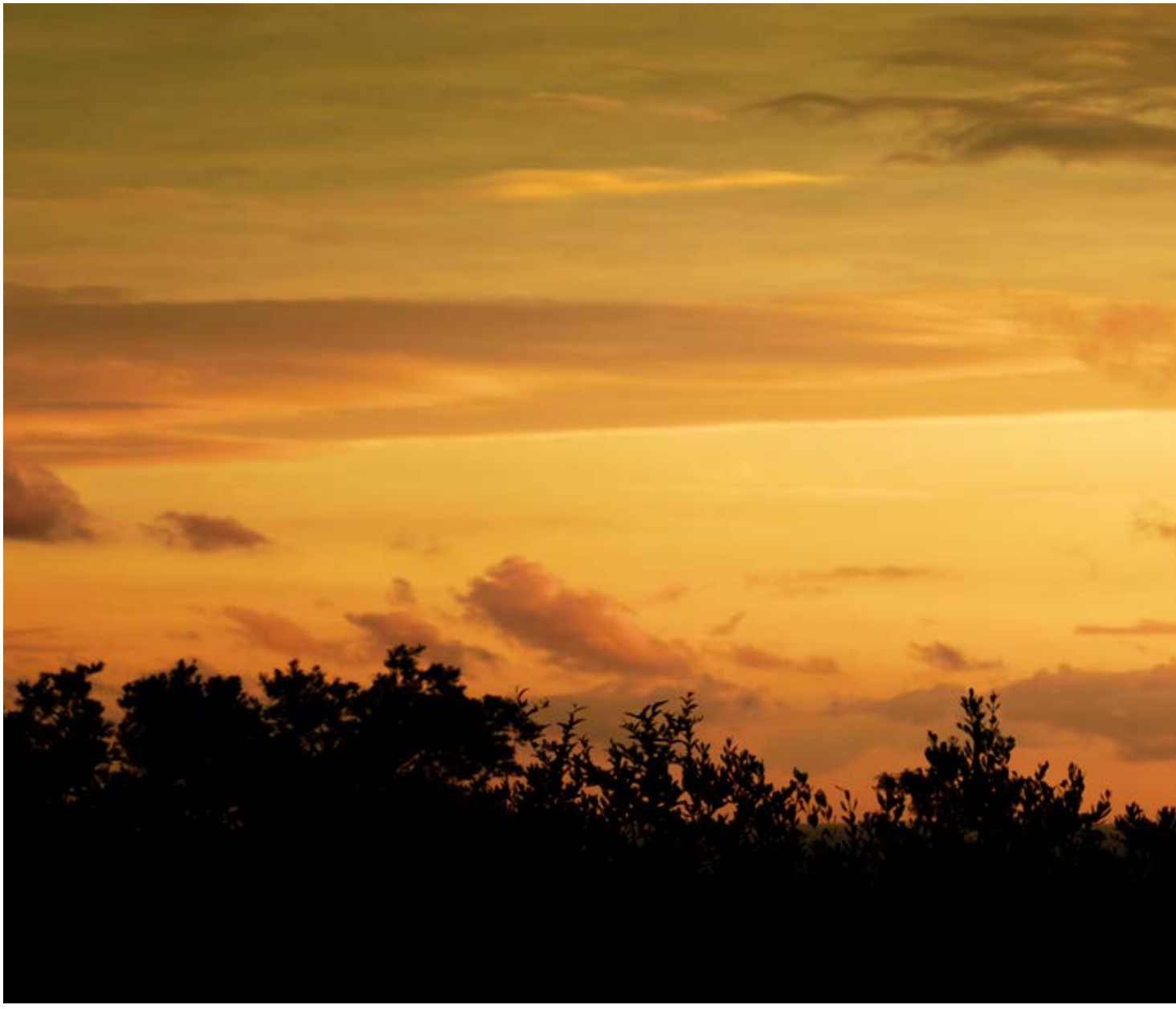
# OUTDOOR LIGHTING 2022

FLOS
OUTDOOR

FLOS

Outdoor



Die Farbtemperatur 2200K ist für die meisten Produkte in diesem Katalog auf Anfrage erhältlich.
Bitte fragen Sie uns nach der Verfügbarkeit, falls Sie weitere Informationen für Ihr Beleuchtungsprojekt benötigen.

The 2200K color temperature is available upon request for most of the products featured in this catalogue.
Please consult us for availability in case you need more information for you lighting project.

# Inground

**Landlord**

260

**A - Round**

446

**A - Rise**

456

**Gobi**

480

**C - Me**

502

# Linear

**Outgraze**

526

**Tau**

576

**Cielo**

588

# Spotlights


**Spine**

16

**Landlord**

246

**Belvedere**

316

**Heavy Metal**

406

**Kirk**

660

**Spock**

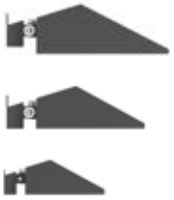
668

**Aimer**

680

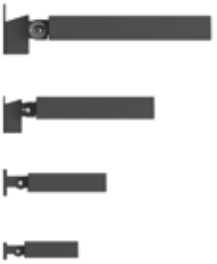
**Franco**

714



**Perseo**

736



# Table / Floor


**In Vitro Unplugged**

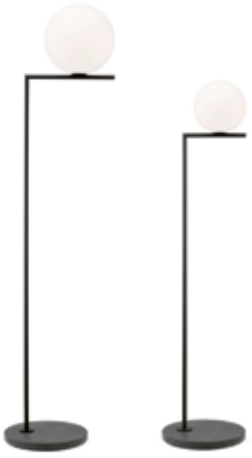
166

**Captain Flint**

210

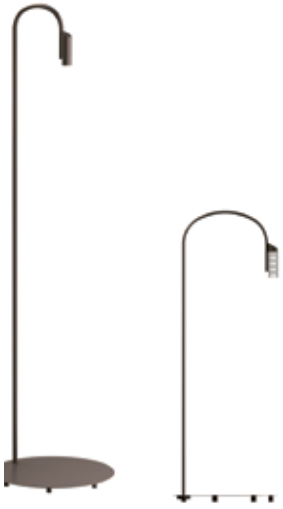
**IC Lights**

218



**Caule**

226



**K - Tribe**

252

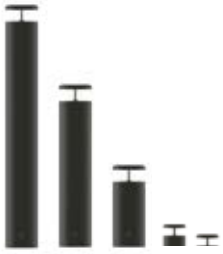
**Superarchimoon**

252

# Bollard

**Pointbreak**

136



**In Vitro**

166

**Mile**

176

**Caule**

226

**Landlord**

260

**Bellhop**

278

**Casting**

290

**Casting Concrete**

290

**Walkstick**

302

# Bollard

**Klein Pro**

328

**Zefiro**

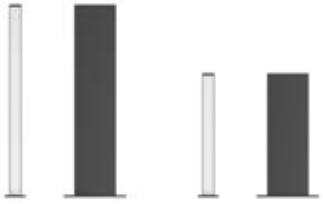
338

**I - Ron**

348

**Talia**

356



**Aimer 2  Pole**

680

# Wall


**Pointbreak**

136

**In Vitro**

166

**Mile**

176

**Captain Flint**

210

**IC Lights**

218

**Flauta**

242

**Bellhop**

278

**Belvedere**

316

**Camouflage**

384



**Climber**

394

**Heavy Metal**

406

**Marco**

428

# Wall

**Platter**

620

**Emma Wall**

632

**Dooku**

760

# Graphic Light

**Fenestra**

438

# Ceiling / Suspension


**Pointbreak**

136

**In Vitro**

166

**Mile**

176

**IC Lights**

218

**Romeo**

252

**Leila**

648

**Platter**

620

**Emma Ceiling**

632

# Path

**Mile**

176

**Wallstick**

302

**Real Matter**

366

**My Way**

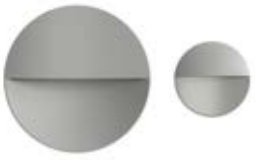
376

**Gobi**

480

**Eclipse**

600



**Hyperion**

610

# Pole / Pole Top

**Bellhop**

278

**Franco**

714

**Perseo**

736

**Dooku**

760

# Spine

Designed by Vincent Van Duysen

BEWEGUNGSFREIHEIT
Spine bedeutet Wirbelsäule und ist eine Referenz auf die Gelenkigkeit des Lampenkörpers, der mit einer gleitenden Skala ausgestattet ist, die sowohl horizontal als auch vertikal um 360° bzw. 270° verstellt werden kann.

FREE TO MOVE
Spine means backbone, an image referenced in the joint of the lighting body, equipped with a graduated scale, which can be adjusted both horizontally and vertically by 360° and 270° respectively.

ZUKUNFTSWEISEND
Das Kopfteil wurde mit austauschbaren Rahmen konzipiert, um die Leistung der Leuchte dank spezieller optischer, untereinander kombinierbare Zubehörteile, den verschiedensten Projektanforderungen anpassen zu können.

FUTURE PROOF
The top head has been designed with interchangeable frames to customize the fixture's performance thanks to dedicated optic accessories that can be mixed to fulfill the project requirements.

UNVERGLEICHBARER VISUELLER KOMFORT
Eine Revolution in der Akzentbeleuchtung für den Außenbereich. Die optische Gruppe wurde mit Blick auf den Endverbraucher entwickelt, so dass die Lichtquelle nicht sichtbar ist und maximaler visueller Komfort erreicht wird, ohne dass die Effizienz und die kompakten Maße beeinträchtigt werden.

UNCOMPARABLE VISUAL COMFORT
A revolution in outdoor accent lighting. The optical group has been designed with the end users in mind, so that the source remains hidden from view, achieving maximum visual comfort without sacrificing efficiency and compact dimensions.

UNSICHTBARER NETZANSCHLUSS
Das Netzteil ist in das Gehäuse der Leuchte integriert, so dass alle Anschlüsse im Sockel verborgen sind.

CONNECTIONS HIDDEN FROM VIEW
The driver is integrated within the fixture's body making all connections hidden in the base.

**Familie / Family**

## Spine 1 Absolute

**CoB Led**
up to 11W
up to 923 lm - 2700K/CRI 80
up to 982 lm - 3000K/CRI 80
up to 1011 lm - 4000K/CRI 80
Net lumen output

## Spine 1 Pro

**Power Led**
up to 3,5W
up to 143 lm - 2700K/CRI 80
up to 149 lm - 3000K/CRI 80
up to 154 lm - 4000K/CRI 80
Net lumen output

**Power Led**
up to 7,9W
up to 550 lm - 2700K/CRI 80
up to 571 lm - 3000K/CRI 80
up to 591 lm - 4000K/CRI 80
Net lumen output

**Power Led HP**
HP up to 10,5W
HP up to 680 lm - 2700K/CRI 80
HP up to 706 lm - 3000K/CRI 80
HP up to 730 lm - 4000K/CRI 80
Net lumen output

## Spine 1 Ultra

**Power Led**
up to 3,5W
up to 143 lm - 2700K/CRI 80
up to 149 lm - 3000K/CRI 80
up to 154 lm - 4000K/CRI 80
Net lumen output

**Power Led**
up to 7,9W
up to 550 lm - 2700K/CRI 80
up to 571 lm - 3000K/CRI 80
up to 591 lm - 4000K/CRI 80
Net lumen output

**Power Led HP**
HP up to 10,5W
HP up to 680 lm - 2700K/CRI 80
HP up to 706 lm - 3000K/CRI 80
HP up to 730 lm - 4000K/CRI 80
Net lumen output

## Spine 2 Absolute

**CoB Led**
up to 19,5W
up to 1939 lm - 2700K/CRI 80
up to 2085 lm - 3000K/CRI 80
up to 2120 lm - 4000K/CRI 80
Net lumen output

## Spine 2 Pro

**Power Led**
up to 4,1W
up to 230 lm - 2700K/CRI 80
up to 239 lm - 3000K/CRI 80
up to 247 lm - 4000K/CRI 80
Net lumen output

**Power Led**
up to 10,5W
up to 769 lm - 2700K/CRI 80
up to 808 lm - 3000K/CRI 80
up to 846 lm - 4000K/CRI 80
Net lumen output

**Power Led HP**
HP up to 17W
HP up to 1443 lm - 2700K/CRI 80
HP up to 1497 lm - 3000K/CRI 80
HP up to 1548 lm - 4000K/CRI 80
Net lumen output

## Spine 2 Ultra

**Power Led**
up to 4,1W
up to 230 lm - 2700K/CRI 80
up to 239 lm - 3000K/CRI 80
up to 247 lm - 4000K/CRI 80
Net lumen output

**Power Led**
up to 10,5W
up to 769 lm - 2700K/CRI 80
up to 808 lm - 3000K/CRI 80
up to 846 lm - 4000K/CRI 80
Net lumen output

**Power Led HP**
HP up to 17W
HP up to 1443 lm - 2700K/CRI 80
HP up to 1497 lm - 3000K/CRI 80
HP up to 1548 lm - 4000K/CRI 80
Net lumen output

## Beschreibung / Description

Kollektion von professionellen und orientierbaren Outdoor-Strahlern, entworfen von Vincent Van Duysen. Die Strahler zeichnen sich durch ein minimalistisches und elegantes Design aus, das sich für die unterschiedlichsten Projekte eignet, vom Wohn- bis zum Hotelbedarf.
Sie sind mit modernsten LED-Lichtquellen ausgestattet und verfügen über verschiedene, qualitativ hochwertige optische Lösungen.
Die Kollektion besteht aus drei Modellen: ABSOLUTE, PRO und ULTRA. Jedes Modell ist in zwei Größen und Leistungsklassen erhältlich, wodurch maximale Vielseitigkeit gewährleistet und auf jede Anforderung angemessen reagiert wird: von der Akzentbeleuchtung mit extrafeinen Lichtstrahlen bis hin zur Beleuchtung für größere Flächen. Spine eignet sich für die Decken-, Wand- oder Bodenmontage, wobei bei der letzteren der Fuß separat bestellt werden muss.
Gehäuse und Kühlkörper aus gedrehtem Aluminium (Legierung EN AW 6060). Erhältlich in verschiedenen Ausführungen, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Zerstreuer aus gehärtetem und hochtransparentem Glas mit Siebdruck, der mit einem robotisierten Klebesystem fixiert wurde.
Die Linie ABSOLUTE für zwei Strahlöffnungen ist mit der leistungsstarken COB-LED-Technologie und mit reinem Aluminium beschichteten Polymerreflektoren ausgestattet.
Die Linien PRO und ULTRA sind mit SMD-LEDs der jüngsten Generation ausgestattet. Die optische Einheit ist in die Rückseite integriert und sorgt dank der Verwendung von maßgeschneiderten Linsen und außergewöhnlicher Leuchtleistung für ausgesprochenen visuellen Komfort. Die Möglichkeit Kollimatoren einzusetzen, um die Strahlöffnung zu modifizieren – von symmetrischen, schmalen oder breiten bis hin zu asymmetrischen und elliptischen Lichtabstrahlungen – erlaubt höchste Flexibilität, um allen Beleuchtungsanforderungen gerecht zu werden.
Um den Lichtstrahl vollständig zu steuern, verfügt die Linie ULTRA über einen integrierten Snoot und ermöglicht das Einsetzen zahlreicher Zubehörteile wie z.B. eine Wabe oder einen Display.
Die exakte Regulierung der Strahlereinheit wird durch eine progressive Referenzskala gewährleistet; der vertikale Schwenkbereich beträgt 270°. Die Befestigungsplatte aus hochwiderstandsfähigem Technopolymer wiederum ermöglicht eine Drehung von 360° um die horizontale Achse und richtet so den Lichtstrahl je nach Bedarf. Der elektrische Anschluss erfolgt am Sockel mithilfe eines mitgelieferten wasserdichten Kabelverbinders. Diese Linie beinhaltet einen Bolzen als Zubehör und ist mit einem Neopren-Kabel für den elektrischen Anschluss mit Fernbedienung ausgestattet.
Die Kollektion wird ergänzt mit einer Reihe von Zubehör für die Boden- und Stangenmontage.

Family of outdoor, professional and adjustable projectors designed by Vincent Van Duysen. The product is characterized by a minimalist and elegant design suitable for the most varied contexts, from residential to hotel environments.
Equipped with state-of-the-art LED sources, they are completed by several upmarket optical solutions.
The family consists of three models: ABSOLUTE, PRO and ULTRA. Each model is available in two sizes and powers, which guarantee the maximum versatility and respond appropriately to any requirement: from accent lighting with extra-thin light beams to lighting for wider surfaces. Spine is ready for ground, wall or ceiling installation, and a pole can be ordered separately.
Turned aluminum body and heat sink (EN AW 6060 alloy). Available in different finishes with a double layer coating and a chemical conversion surface treatment to guarantee high resistance to corrosion. Extra clear tempered glass diffuser with silkscreen border, fixed through a robotic gluing system.
The ABSOLUTE version is equipped with a high-performance LED COB light source and polymer reflectors, covered in pure aluminum for two beam angles.
The PRO and ULTRA versions are equipped with a state-of-the-art LED SMD. The optical unit is integrated in the rear part, which guarantees an absolute visual comfort thanks to the use of customized lenses, as well as high lighting performances. The possibility of inserting collimators in the optical compartment that are designed to modify the beam angle—from punctual, medium and large symmetric beams to asymmetric and elliptical beams—guarantee an extreme flexibility to meet any lighting requirement.
To fully control the light beam, the ULTRA versions are equipped with an integrated supplied snoot and allow the insertion of numerous accessories such as the honeycomb and visor.
The exact dimming of the emitting unit is guaranteed by the joint with a graduated reference scale printed on it, which ensures an orientation of 270° on the vertical axis. The high mechanical resistance technopolymer fixing plate allows 360° orientation on the horizontal axis, thus allowing the light beam to be directed according to individual requirements.
The electrical connections are made on the base by means of a watertight connector included. Version including a bollard as an accessory, equipped with a neoprene cable for remote electrical connection.
The family is completed by a series of accessories for solid surface and mast installation.

## Ausführungen / Colours

### Spine



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

33 Anthracite

| | SPINE ABSOLUTE | | SPINE PRO | | | | |
|---|---|---|---|---|---|---|---|
| | SPINE 1 ABSOLUTE | SPINE 2 ABSOLUTE | SPINE 1 PRO | | SPINE 1 PRO HP | SPINE 2 PRO | |
| MODEL | | | | | | | |
| SIZE | ø70 | ø90 | ø70 | | ø70 | ø90 | |
| LIGHT BEAM | Spot | Spot | Narrow Spot | Spot | Spot | Narrow Spot | Spot |
| | Medium Flood | Medium Flood | | Medium Flood | Medium Flood | | Medium Flood |
| | | | | Flood | Flood | | Flood |
| | | | | Wide Flood | Wide Flood | | Wide Flood |
| | | | | Elliptical 1 | Elliptical 1 | | Elliptical 1 |
| | | | | Elliptical 2 | Elliptical 2 | | Elliptical 2 |
| | | | | Wall Washer | Wall Washer | | Wall Washer |
| POWER | 11W | 19,5W | 3,5W | 7,9W | 10,5W | 4,1W | 10,5W |
| FLUX | Up to 982 lm | Up to 2178 lm | Up to 149 lm | Up to 571 lm | Up to 706 lm | Up to 239 lm | Up to 808 lm |
| CCT | 2700K | | 2200K * | | | | |
| | 3000K | | 2700K | | | | |
| | 4000K | | 3000K | | | | |
| | | | 4000K | | | | |
| CRI | 80 | | 80 | | | | |
| CONTROL | on-off 230V | on-off 230V | on-off 230V | | | on-off 230V | |
| | DALI * | DALI 230V | DALI * | | | DALI 230V | |
| | 1-10V * | 1-10V 230V | 1-10V * | | | 1-10V 230V | |
| OPTICAL ACC. | • Honeycomb louvre | | • Honeycomb louvre | | • Honeycomb louvre<br>• Converter lens (medium flood/flood/wide flood/ elliptical 1/ elliptical 2/wall washer) | | |
| **MOUNTING OPTIONS | Ground Spike | | Ground Spike | | | | |
| | Rod | | Rod | | | | |
| | L Bracket | | L Bracket | | | | |
| | Pole | | Pole | | | | |

Available soon

* Auf Anfrage / On demand
** Siehe nächste Seite /See next page

| | SPINE ULTRA | | | | | |
|---|---|---|---|---|---|---|
| SPINE 2 PRO HP | SPINE 1 ULTRA | | SPINE 1 ULTRA HP | SPINE 2 ULTRA | | SPINE 2 ULTRA HP |
| | | | | | | |
| ø90 | ø70 | | ø70 | ø90 | | ø90 |
| Spot | Narrow Spot | Spot | Spot | Narrow Spot | Spot | Spot |
| Medium Flood | | Medium Flood | Medium Flood | | Medium Flood | Medium Flood |
| Flood | | Flood | Flood | | Flood | Flood |
| Wide Flood | | Wide Flood | Wide Flood | | Wide Flood | Wide Flood |
| Elliptical 1 | | Elliptical 1 | Elliptical 1 | | Elliptical 1 | Elliptical 1 |
| Elliptical 2 | | Elliptical 2 | Elliptical 2 | | Elliptical 2 | Elliptical 2 |
| Wall Washer | | Wall Washer | Wall Washer | | Wall Washer | Wall Washer |
| 17W | 3,5W | 7,9W | 10,5W | 4,1W | 10,5W | 17W |
| Up to 1497 lm | Up to 149 lm | Up to 571 lm | Up to 706 lm | Up to 239 lm | Up to 808 lm | Up to 1497 lm |
| 2200K * | 2200K * | | | | | |
| 2700K | 2700K | | | | | |
| 3000K | 3000K | | | | | |
| 4000K | 4000K | | | | | |
| 80 | 80 | | | | | |
| on-off 230V | on-off 230V | | | on-off 230V | | |
| DALI 230V | DALI * | | | DALI 230V | | |
| 1-10V 230V | 1-10V * | | | 1-10V 230V | | |
| | • Honeycomb louvre<br>• Converter lens (medium flood/flood/wide flood/elliptical 1/ elliptical 2/wall washer)<br>• Visor | | | | | |
| Ground Spike | Ground Spike | | | | | |
| Rod | Rod | | | | | |
| L Bracket | L Bracket | | | | | |
| Pole | Pole | | | | | |

* Auf Anfrage / On demand
** Siehe nächste Seite /See next page

Available soon

**Spine**

**Ø70 / Ø90**

Absolute / Pro / Ultra

+

**Spine F**

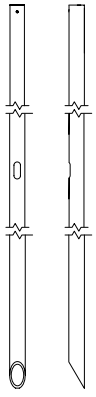
**Ø70 / Ø90**

Absolute / Pro / Ultra

5m Neopren-Kabelabschnitt (10m auf Anfrage) für den Fernanschluss.

Neoprene output cable for remote electrical connection.

+



**Spine L**

**Ø70 / Ø90**

Absolute / Pro / Ultra

5m Neopren-Kabelabschnitt (10m auf Anfrage) für den Fernanschluss.

Neoprene output cable for remote electrical connection.

**Spine T**

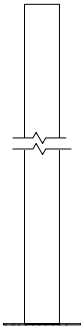
**Ø70 / Ø90**

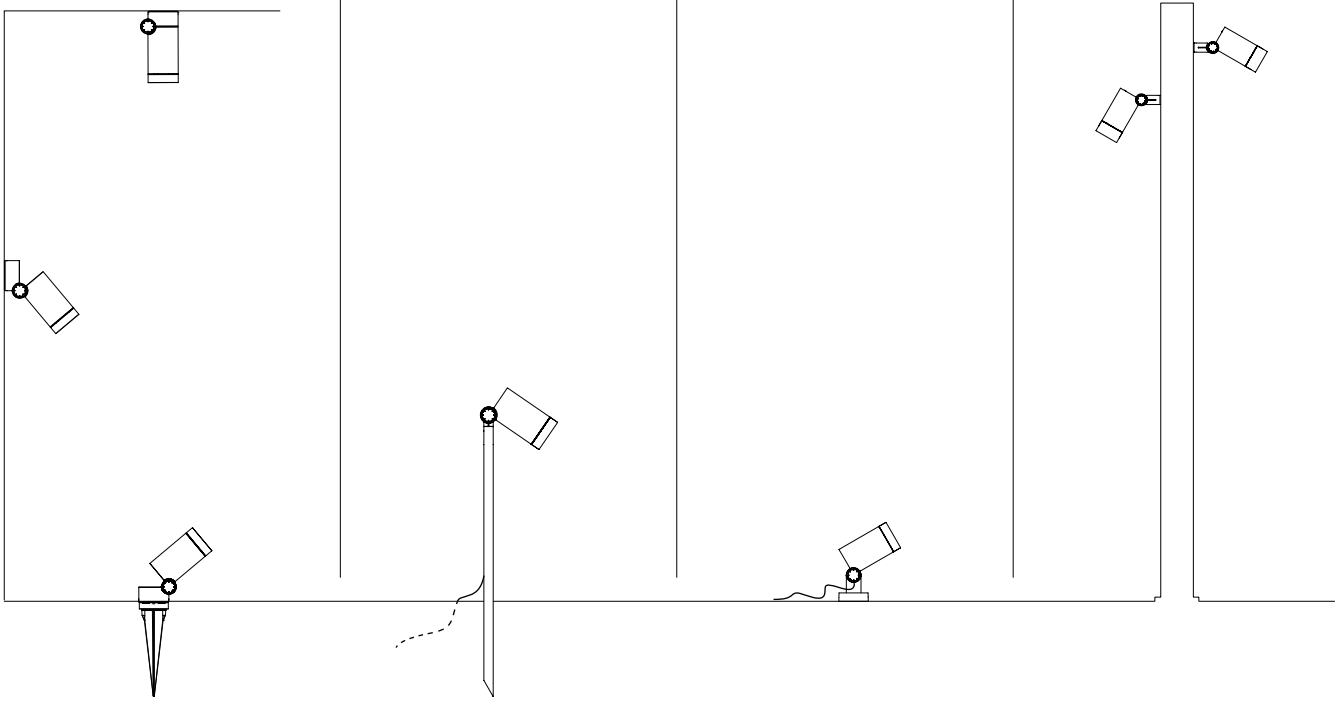
Absolute / Pro / Ultra

5m Neopren-Kabelabschnitt (10m auf Anfrage) für den Fernanschluss.

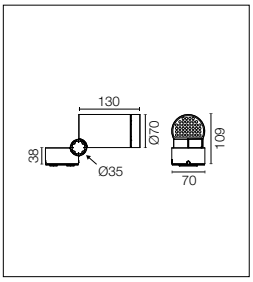
Neoprene output cable for remote electrical connection.

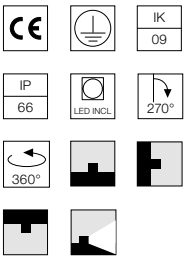
+





## Spine 1 Absolute



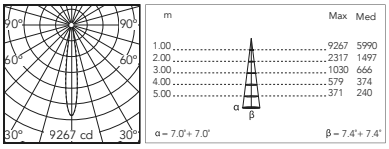

LED-COB-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.
Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

LED COB light source included. Integrated electric power supply 220-240V ON/OFF. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

**Optic Spot 15°**

**CoB Led:** 11W - 1247 lm ≠ FIXT 923 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 982 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 1011 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025A2BA001 | ○ F025A3BA001 | ○ F025A4BA001 |
| ● F025A2BA006 | ● F025A3BA006 | ● F025A4BA006 |
| ● F025A2BA012 | ● F025A3BA012 | ● F025A4BA012 |
| ● F025A2BA018 | ● F025A3BA018 | ● F025A4BA018 |
| ● F025A2BA030 | ● F025A3BA030 | ● F025A4BA030 |
| ● F025A2BA033 | ● F025A3BA033 | ● F025A4BA033 |

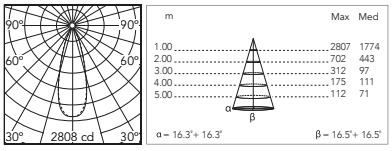



@ 3000K

**Optic Medium Flood 33°**

**CoB Led:** 11W - 1247 lm ≠ FIXT 906 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 964 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 993 lm - 4000K/CRI 80 - 220-240V

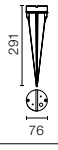
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025A2CA001 | ○ F025A3CA001 | ○ F025A4CA001 |
| ● F025A2CA006 | ● F025A3CA006 | ● F025A4CA006 |
| ● F025A2CA012 | ● F025A3CA012 | ● F025A4CA012 |
| ● F025A2CA018 | ● F025A3CA018 | ● F025A4CA018 |
| ● F025A2CA030 | ● F025A3CA030 | ● F025A4CA030 |
| ● F025A2CA033 | ● F025A3CA033 | ● F025A4CA033 |



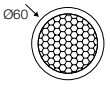

@ 3000K

## Spine 1 Absolute: Zubehörteile / Accessories

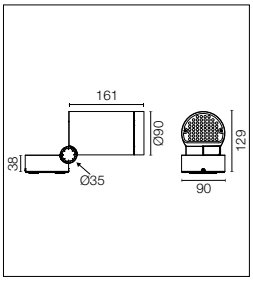
| | | |
|---|---|---|
| Erdspieß. | Ground spike. | F026Z010000 |

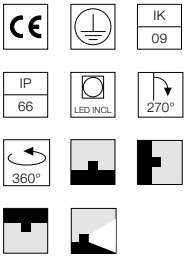



| | | |
|---|---|---|
| Honeycomb | Honeycomb Louvre | F025Z060000 |



## Spine 2 Absolute



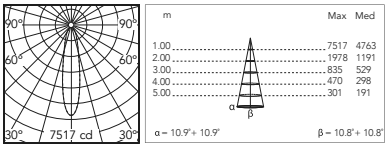

LED-COB-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.

LED COB light source included. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.

### Optic Spot 22°

**CoB Led:** 19,5W - 2197 lm ≠ FIXT 1939 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2085 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2120 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026A2BA001 | ○ F026A3BA001 | ○ F026A4BA001 |
| ● F026A2BA006 | ● F026A3BA006 | ● F026A4BA006 |
| ● F026A2BA012 | ● F026A3BA012 | ● F026A4BA012 |
| ● F026A2BA018 | ● F026A3BA018 | ● F026A4BA018 |
| ● F026A2BA030 | ● F026A3BA030 | ● F026A4BA030 |
| ● F026A2BA033 | ● F026A3BA033 | ● F026A4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026A2BB001 | ○ F026A3BB001 | ○ F026A4BB001 |
| ● F026A2BB006 | ● F026A3BB006 | ● F026A4BB006 |
| ● F026A2BB012 | ● F026A3BB012 | ● F026A4BB012 |
| ● F026A2BB018 | ● F026A3BB018 | ● F026A4BB018 |
| ● F026A2BB030 | ● F026A3BB030 | ● F026A4BB030 |
| ● F026A2BB033 | ● F026A3BB033 | ● F026A4BB033 |
| Dali | Dali | Dali |
| ○ F026A2BD001 | ○ F026A3BD001 | ○ F026A4BD001 |
| ● F026A2BD006 | ● F026A3BD006 | ● F026A4BD006 |
| ● F026A2BD012 | ● F026A3BD012 | ● F026A4BD012 |
| ● F026A2BD018 | ● F026A3BD018 | ● F026A4BD018 |
| ● F026A2BD030 | ● F026A3BD030 | ● F026A4BD030 |
| ● F026A2BD033 | ● F026A3BD033 | ● F026A4BD033 |

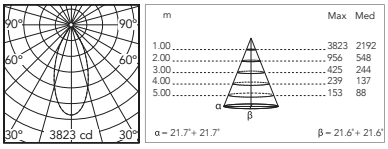



@ 3000K

### Optic Medium Flood 43°

**CoB Led:** 19,5W - 2197 lm ≠ FIXT 2026 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2178 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2298 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026A2CA001 | ○ F026A3CA001 | ○ F026A4CA001 |
| ● F026A2CA006 | ● F026A3CA006 | ● F026A4CA006 |
| ● F026A2CA012 | ● F026A3CA012 | ● F026A4CA012 |
| ● F026A2CA018 | ● F026A3CA018 | ● F026A4CA018 |
| ● F026A2CA030 | ● F026A3CA030 | ● F026A4CA030 |
| ● F026A2CA033 | ● F026A3CA033 | ● F026A4CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026A2CB001 | ○ F026A3CB001 | ○ F026A4CB001 |
| ● F026A2CB006 | ● F026A3CB006 | ● F026A4CB006 |
| ● F026A2CB012 | ● F026A3CB012 | ● F026A4CB012 |
| ● F026A2CB018 | ● F026A3CB018 | ● F026A4CB018 |
| ● F026A2CB030 | ● F026A3CB030 | ● F026A4CB030 |
| ● F026A2CB033 | ● F026A3CB033 | ● F026A4CB033 |
| Dali | Dali | Dali |
| ○ F026A2CD001 | ○ F026A3CD001 | ○ F026A4CD001 |
| ● F026A2CD006 | ● F026A3CD006 | ● F026A4CD006 |
| ● F026A2CD012 | ● F026A3CD012 | ● F026A4CD012 |
| ● F026A2CD018 | ● F026A3CD018 | ● F026A4CD018 |
| ● F026A2CD030 | ● F026A3CD030 | ● F026A4CD030 |
| ● F026A2CD033 | ● F026A3CD033 | ● F026A4CD033 |

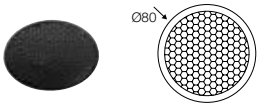


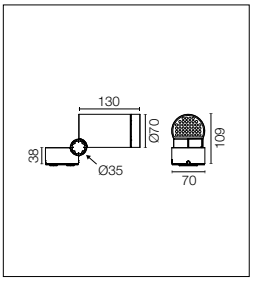

@ 3000K

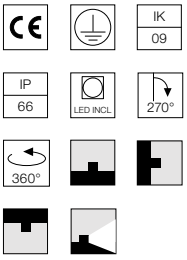
## Spine 2 Absolute: Zubehörteile / Accessories

| | | |
|---|---|---|
| Erdspieß. | Ground spike. | F026Z010000 |

| | | |
|---|---|---|
| Honeycomb | Honeycomb Louvre | F026Z060000 |





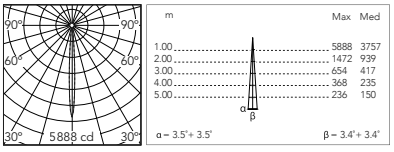

Power-LED-Quelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.
Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Narrow Spot 7°

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025D2AA001 | ○ F025D3AA001 | ○ F025D4AA001 |
| ● F025D2AA006 | ● F025D3AA006 | ● F025D4AA006 |
| ● F025D2AA012 | ● F025D3AA012 | ● F025D4AA012 |
| ● F025D2AA018 | ● F025D3AA018 | ● F025D4AA018 |
| ● F025D2AA030 | ● F025D3AA030 | ● F025D4AA030 |
| ● F025D2AA033 | ● F025D3AA033 | ● F025D4AA033 |

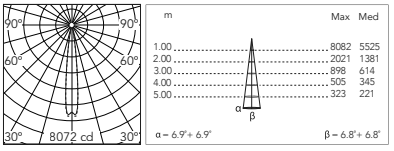



@ 3000K

### Optic Spot 14°

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025D2BA001 | ○ F025D3BA001 | ○ F025D4BA001 |
| ● F025D2BA006 | ● F025D3BA006 | ● F025D4BA006 |
| ● F025D2BA012 | ● F025D3BA012 | ● F025D4BA012 |
| ● F025D2BA018 | ● F025D3BA018 | ● F025D4BA018 |
| ● F025D2BA030 | ● F025D3BA030 | ● F025D4BA030 |
| ● F025D2BA033 | ● F025D3BA033 | ● F025D4BA033 |

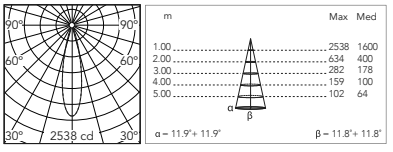



@ 3000K

### Optic Medium Flood 24,5°

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025D2CA001 | ○ F025D3CA001 | ○ F025D4CA001 |
| ● F025D2CA006 | ● F025D3CA006 | ● F025D4CA006 |
| ● F025D2CA012 | ● F025D3CA012 | ● F025D4CA012 |
| ● F025D2CA018 | ● F025D3CA018 | ● F025D4CA018 |
| ● F025D2CA030 | ● F025D3CA030 | ● F025D4CA030 |
| ● F025D2CA033 | ● F025D3CA033 | ● F025D4CA033 |

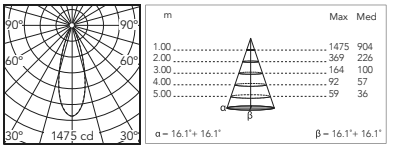



@ 3000K

### Optic Flood 32°

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025D2DA001 | ○ F025D3DA001 | ○ F025D4DA001 |
| ● F025D2DA006 | ● F025D3DA006 | ● F025D4DA006 |
| ● F025D2DA012 | ● F025D3DA012 | ● F025D4DA012 |
| ● F025D2DA018 | ● F025D3DA018 | ● F025D4DA018 |
| ● F025D2DA030 | ● F025D3DA030 | ● F025D4DA030 |
| ● F025D2DA033 | ● F025D3DA033 | ● F025D4DA033 |

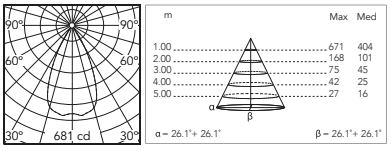



@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 7,9W - 671 lm ≠ FIXT 472 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 507 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025D2EA001 | ○ F025D3EA001 | ○ F025D4EA001 |
| ● F025D2EA006 | ● F025D3EA006 | ● F025D4EA006 |
| ● F025D2EA012 | ● F025D3EA012 | ● F025D4EA012 |
| ● F025D2EA018 | ● F025D3EA018 | ● F025D4EA018 |
| ● F025D2EA030 | ● F025D3EA030 | ● F025D4EA030 |
| ● F025D2EA033 | ● F025D3EA033 | ● F025D4EA033 |

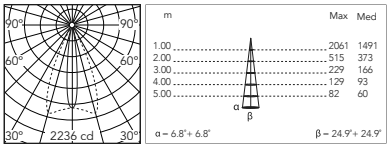



Preliminary photometry @ 3000K

### Optic Elliptical 1 13,5° x 50°

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025D2FA001 | ○ F025D3FA001 | ○ F025D4FA001 |
| ● F025D2FA006 | ● F025D3FA006 | ● F025D4FA006 |
| ● F025D2FA012 | ● F025D3FA012 | ● F025D4FA012 |
| ● F025D2FA018 | ● F025D3FA018 | ● F025D4FA018 |
| ● F025D2FA030 | ● F025D3FA030 | ● F025D4FA030 |
| ● F025D2FA033 | ● F025D3FA033 | ● F025D4FA033 |

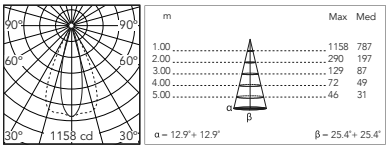



@ 3000K

### Optic Elliptical 2 26° x 51°

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025D2GA001 | ○ F025D3GA001 | ○ F025D4GA001 |
| ● F025D2GA006 | ● F025D3GA006 | ● F025D4GA006 |
| ● F025D2GA012 | ● F025D3GA012 | ● F025D4GA012 |
| ● F025D2GA018 | ● F025D3GA018 | ● F025D4GA018 |
| ● F025D2GA030 | ● F025D3GA030 | ● F025D4GA030 |
| ● F025D2GA033 | ● F025D3GA033 | ● F025D4GA033 |

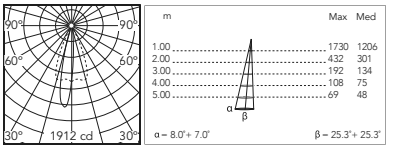



@ 3000K

### Optic Wall Washer

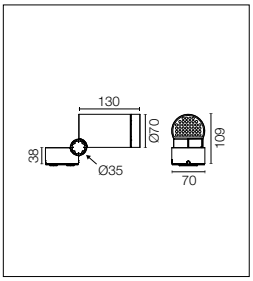
**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

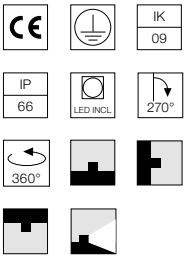
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025D2HA001 | ○ F025D3HA001 | ○ F025D4HA001 |
| ● F025D2HA006 | ● F025D3HA006 | ● F025D4HA006 |
| ● F025D2HA012 | ● F025D3HA012 | ● F025D4HA012 |
| ● F025D2HA018 | ● F025D3HA018 | ● F025D4HA018 |
| ● F025D2HA030 | ● F025D3HA030 | ● F025D4HA030 |
| ● F025D2HA033 | ● F025D3HA033 | ● F025D4HA033 |




@ 3000K

## Spine 1 Pro Hp



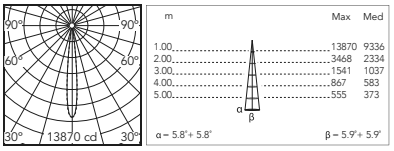

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Spot 12°

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025E2BA001 | ○ F025E3BA001 | ○ F025E4BA001 |
| ● F025E2BA006 | ● F025E3BA006 | ● F025E4BA006 |
| ● F025E2BA012 | ● F025E3BA012 | ● F025E4BA012 |
| ● F025E2BA018 | ● F025E3BA018 | ● F025E4BA018 |
| ● F025E2BA030 | ● F025E3BA030 | ● F025E4BA030 |
| ● F025E2BA033 | ● F025E3BA033 | ● F025E4BA033 |

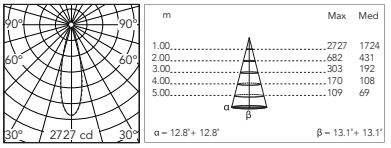



@ 3000K

### Optic Medium Flood 26,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025E2CA001 | ○ F025E3CA001 | ○ F025E4CA001 |
| ● F025E2CA006 | ● F025E3CA006 | ● F025E4CA006 |
| ● F025E2CA012 | ● F025E3CA012 | ● F025E4CA012 |
| ● F025E2CA018 | ● F025E3CA018 | ● F025E4CA018 |
| ● F025E2CA030 | ● F025E3CA030 | ● F025E4CA030 |
| ● F025E2CA033 | ● F025E3CA033 | ● F025E4CA033 |

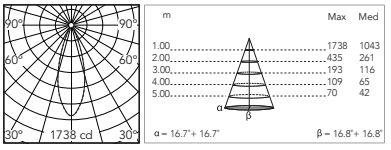



@ 3000K

### Optic Flood 33,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025E2DA001 | ○ F025E3DA001 | ○ F025E4DA001 |
| ● F025E2DA006 | ● F025E3DA006 | ● F025E4DA006 |
| ● F025E2DA012 | ● F025E3DA012 | ● F025E4DA012 |
| ● F025E2DA018 | ● F025E3DA018 | ● F025E4DA018 |
| ● F025E2DA030 | ● F025E3DA030 | ● F025E4DA030 |
| ● F025E2DA033 | ● F025E3DA033 | ● F025E4DA033 |

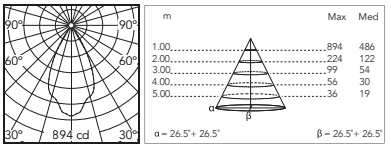



@ 3000K

### Optic Wide Flood 53° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 584 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 642 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025E2EA001 | ○ F025E3EA001 | ○ F025E4EA001 |
| ● F025E2EA006 | ● F025E3EA006 | ● F025E4EA006 |
| ● F025E2EA012 | ● F025E3EA012 | ● F025E4EA012 |
| ● F025E2EA018 | ● F025E3EA018 | ● F025E4EA018 |
| ● F025E2EA030 | ● F025E3EA030 | ● F025E4EA030 |
| ● F025E2EA033 | ● F025E3EA033 | ● F025E4EA033 |




Preliminary photometry

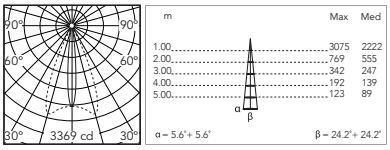
@ 3000K

## Spine 1 Pro Hp

**Optic Elliptical 1 11,5° x 49°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025E2FA001 | ○ F025E3FA001 | ○ F025E4FA001 |
| ● F025E2FA006 | ● F025E3FA006 | ● F025E4FA006 |
| ● F025E2FA012 | ● F025E3FA012 | ● F025E4FA012 |
| ● F025E2FA018 | ● F025E3FA018 | ● F025E4FA018 |
| ● F025E2FA030 | ● F025E3FA030 | ● F025E4FA030 |
| ● F025E2FA033 | ● F025E3FA033 | ● F025E4FA033 |

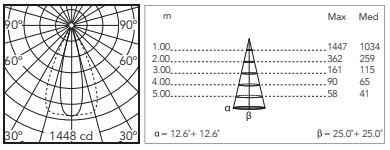



@ 3000K

**Optic Elliptical 2 25,5° x 50°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025E2GA001 | ○ F025E3GA001 | ○ F025E4GA001 |
| ● F025E2GA006 | ● F025E3GA006 | ● F025E4GA006 |
| ● F025E2GA012 | ● F025E3GA012 | ● F025E4GA012 |
| ● F025E2GA018 | ● F025E3GA018 | ● F025E4GA018 |
| ● F025E2GA030 | ● F025E3GA030 | ● F025E4GA030 |
| ● F025E2GA033 | ● F025E3GA033 | ● F025E4GA033 |

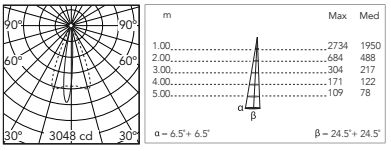



@ 3000K

**Optic Wall Washer**

**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

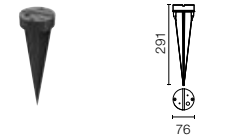
| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025E2HA001 | ○ F025E3HA001 | ○ F025E4HA001 |
| ● F025E2HA006 | ● F025E3HA006 | ● F025E4HA006 |
| ● F025E2HA012 | ● F025E3HA012 | ● F025E4HA012 |
| ● F025E2HA018 | ● F025E3HA018 | ● F025E4HA018 |
| ● F025E2HA030 | ● F025E3HA030 | ● F025E4HA030 |
| ● F025E2HA033 | ● F025E3HA033 | ● F025E4HA033 |

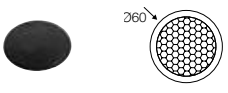



@ 3000K

## Spine 1 Pro: Zubehörteile / Accessories

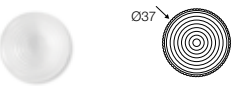
| | | |
|---|---|---|
| Erdspieß. | Ground spike. | F026Z010000 |
| Honeycomb | Honeycomb Louvre | F025Z060000 |



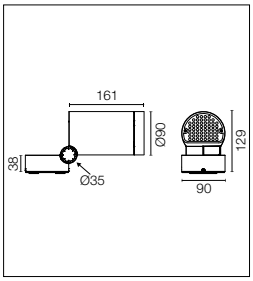



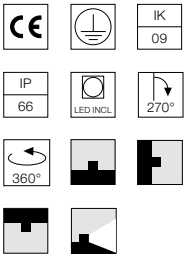

Konverterlinse / Converter lenses:

| | |
|---|---|
| - Converter Spine 1 Optic Medium Flood | F029Z010000 |
| - Converter Spine 1 Optic Flood | F029Z011000 |
| - Converter Spine 1 Optic Wide Flood (Available soon) | F029Z012000 |
| - Converter Spine 1 Optic Elliptic 1 | F029Z013000 |
| - Converter Spine 1 Optic Elliptic 2 | F029Z014000 |
| - Converter Spine 1 Optic Wall Washer | F029Z015000 |



## Spine 2 Pro



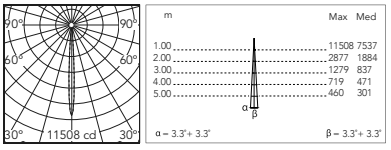

Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen höheren visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.

### Optic Narrow Spot 6°

**Power Led:** 4,1W - 248 lm ≠ FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm ≠ FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm ≠ FIXT 247 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026D2AA001 | ○ F026D3AA001 | ○ F026D4AA001 |
| ● F026D2AA006 | ● F026D3AA006 | ● F026D4AA006 |
| ● F026D2AA012 | ● F026D3AA012 | ● F026D4AA012 |
| ● F026D2AA018 | ● F026D3AA018 | ● F026D4AA018 |
| ● F026D2AA030 | ● F026D3AA030 | ● F026D4AA030 |
| ● F026D2AA033 | ● F026D3AA033 | ● F026D4AA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026D2AB001 | ○ F026D3AB001 | ○ F026D4AB001 |
| ● F026D2AB006 | ● F026D3AB006 | ● F026D4AB006 |
| ● F026D2AB012 | ● F026D3AB012 | ● F026D4AB012 |
| ● F026D2AB018 | ● F026D3AB018 | ● F026D4AB018 |
| ● F026D2AB030 | ● F026D3AB030 | ● F026D4AB030 |
| ● F026D2AB033 | ● F026D3AB033 | ● F026D4AB033 |
| Dali | Dali | Dali |
| ○ F026D2AD001 | ○ F026D3AD001 | ○ F026D4AD001 |
| ● F026D2AD006 | ● F026D3AD006 | ● F026D4AD006 |
| ● F026D2AD012 | ● F026D3AD012 | ● F026D4AD012 |
| ● F026D2AD018 | ● F026D3AD018 | ● F026D4AD018 |
| ● F026D2AD030 | ● F026D3AD030 | ● F026D4AD030 |
| ● F026D2AD033 | ● F026D3AD033 | ● F026D4AD033 |

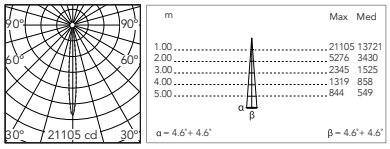



@ 3000K

### Optic Spot 9,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 769 lm - 2700K/CRI 80 - 220-240Vv / 10,5W - 966 lm ≠ FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 846 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026D2BA001 | ○ F026D3BA001 | ○ F026D4BA001 |
| ● F026D2BA006 | ● F026D3BA006 | ● F026D4BA006 |
| ● F026D2BA012 | ● F026D3BA012 | ● F026D4BA012 |
| ● F026D2BA018 | ● F026D3BA018 | ● F026D4BA018 |
| ● F026D2BA030 | ● F026D3BA030 | ● F026D4BA030 |
| ● F026D2BA033 | ● F026D3BA033 | ● F026D4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026D2BB001 | ○ F026D3BB001 | ○ F026D4BB001 |
| ● F026D2BB006 | ● F026D3BB006 | ● F026D4BB006 |
| ● F026D2BB012 | ● F026D3BB012 | ● F026D4BB012 |
| ● F026D2BB018 | ● F026D3BB018 | ● F026D4BB018 |
| ● F026D2BB030 | ● F026D3BB030 | ● F026D4BB030 |
| ● F026D2BB033 | ● F026D3BB033 | ● F026D4BB033 |
| Dali | Dali | Dali |
| ○ F026D2BD001 | ○ F026D3BD001 | ○ F026D4BD001 |
| ● F026D2BD006 | ● F026D3BD006 | ● F026D4BD006 |
| ● F026D2BD012 | ● F026D3BD012 | ● F026D4BD012 |
| ● F026D2BD018 | ● F026D3BD018 | ● F026D4BD018 |
| ● F026D2BD030 | ● F026D3BD030 | ● F026D4BD030 |
| ● F026D2BD033 | ● F026D3BD033 | ● F026D4BD033 |

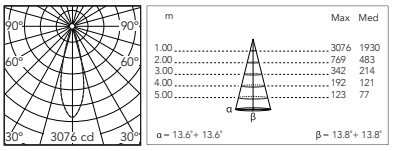



@ 3000K

### Optic Medium Flood 28°

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F026D2CA001 | F026D3CA001 | F026D4CA001 |
| F026D2CA006 | F026D3CA006 | F026D4CA006 |
| F026D2CA012 | F026D3CA012 | F026D4CA012 |
| F026D2CA018 | F026D3CA018 | F026D4CA018 |
| F026D2CA030 | F026D3CA030 | F026D4CA030 |
| F026D2CA033 | F026D3CA033 | F026D4CA033 |
| 1-10V | 1-10V | 1-10V |
| F026D2CB001 | F026D3CB001 | F026D4CB001 |
| F026D2CB006 | F026D3CB006 | F026D4CB006 |
| F026D2CB012 | F026D3CB012 | F026D4CB012 |
| F026D2CB018 | F026D3CB018 | F026D4CB018 |
| F026D2CB030 | F026D3CB030 | F026D4CB030 |
| F026D2CB033 | F026D3CB033 | F026D4CB033 |
| Dali | Dali | Dali |
| F026D2CD001 | F026D3CD001 | F026D4CD001 |
| F026D2CD006 | F026D3CD006 | F026D4CD006 |
| F026D2CD012 | F026D3CD012 | F026D4CD012 |
| F026D2CD018 | F026D3CD018 | F026D4CD018 |
| F026D2CD030 | F026D3CD030 | F026D4CD030 |
| F026D2CD033 | F026D3CD033 | F026D4CD033 |

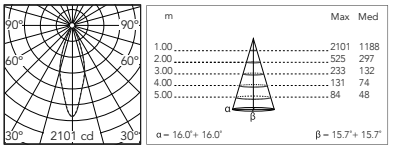



@ 3000K

### Optic Flood 33°

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F026D2DA001 | F026D3DA001 | F026D4DA001 |
| F026D2DA006 | F026D3DA006 | F026D4DA006 |
| F026D2DA012 | F026D3DA012 | F026D4DA012 |
| F026D2DA018 | F026D3DA018 | F026D4DA018 |
| F026D2DA030 | F026D3DA030 | F026D4DA030 |
| F026D2DA033 | F026D3DA033 | F026D4DA033 |
| 1-10V | 1-10V | 1-10V |
| F026D2DB001 | F026D3DB001 | F026D4DB001 |
| F026D2DB006 | F026D3DB006 | F026D4DB006 |
| F026D2DB012 | F026D3DB012 | F026D4DB012 |
| F026D2DB018 | F026D3DB018 | F026D4DB018 |
| F026D2DB030 | F026D3DB030 | F026D4DB030 |
| F026D2DB033 | F026D3DB033 | F026D4DB033 |
| Dali | Dali | Dali |
| F026D2DD001 | F026D3DD001 | F026D4DD001 |
| F026D2DD006 | F026D3DD006 | F026D4DD006 |
| F026D2DD012 | F026D3DD012 | F026D4DD012 |
| F026D2DD018 | F026D3DD018 | F026D4DD018 |
| F026D2DD030 | F026D3DD030 | F026D4DD030 |
| F026D2DD033 | F026D3DD033 | F026D4DD033 |

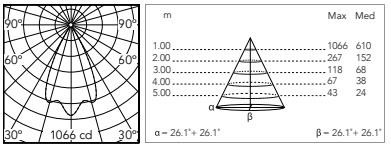



@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 677 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 711 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 745 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F026D2EA001 | F026D3EA001 | F026D4EA001 |
| F026D2EA006 | F026D3EA006 | F026D4EA006 |
| F026D2EA012 | F026D3EA012 | F026D4EA012 |
| F026D2EA018 | F026D3EA018 | F026D4EA018 |
| F026D2EA030 | F026D3EA030 | F026D4EA030 |
| F026D2EA033 | F026D3EA033 | F026D4EA033 |
| 1-10V | 1-10V | 1-10V |
| F026D2EB001 | F026D3EB001 | F026D4EB001 |
| F026D2EB006 | F026D3EB006 | F026D4EB006 |
| F026D2EB012 | F026D3EB012 | F026D4EB012 |
| F026D2EB018 | F026D3EB018 | F026D4EB018 |
| F026D2EB030 | F026D3EB030 | F026D4EB030 |
| F026D2EB033 | F026D3EB033 | F026D4EB033 |
| Dali | Dali | Dali |
| F026D2ED001 | F026D3ED001 | F026D4ED001 |
| F026D2ED006 | F026D3ED006 | F026D4ED006 |
| F026D2ED012 | F026D3ED012 | F026D4ED012 |
| F026D2ED018 | F026D3ED018 | F026D4ED018 |
| F026D2ED030 | F026D3ED030 | F026D4ED030 |
| F026D2ED033 | F026D3ED033 | F026D4ED033 |



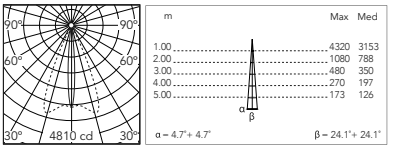

Preliminary photometry

@ 3000K

### Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026D2FA001 | ○ F026D3FA001 | ○ F026D4FA001 |
| ● F026D2FA006 | ● F026D3FA006 | ● F026D4FA006 |
| ● F026D2FA012 | ● F026D3FA012 | ● F026D4FA012 |
| ● F026D2FA018 | ● F026D3FA018 | ● F026D4FA018 |
| ● F026D2FA030 | ● F026D3FA030 | ● F026D4FA030 |
| ● F026D2FA033 | ● F026D3FA033 | ● F026D4FA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026D2FB001 | ○ F026D3FB001 | ○ F026D4FB001 |
| ● F026D2FB006 | ● F026D3FB006 | ● F026D4FB006 |
| ● F026D2FB012 | ● F026D3FB012 | ● F026D4FB012 |
| ● F026D2FB018 | ● F026D3FB018 | ● F026D4FB018 |
| ● F026D2FB030 | ● F026D3FB030 | ● F026D4FB030 |
| ● F026D2FB033 | ● F026D3FB033 | ● F026D4FB033 |
| Dali | Dali | Dali |
| ○ F026D2FD001 | ○ F026D3FD001 | ○ F026D4FD001 |
| ● F026D2FD006 | ● F026D3FD006 | ● F026D4FD006 |
| ● F026D2FD012 | ● F026D3FD012 | ● F026D4FD012 |
| ● F026D2FD018 | ● F026D3FD018 | ● F026D4FD018 |
| ● F026D2FD030 | ● F026D3FD030 | ● F026D4FD030 |
| ● F026D2FD033 | ● F026D3FD033 | ● F026D4FD033 |

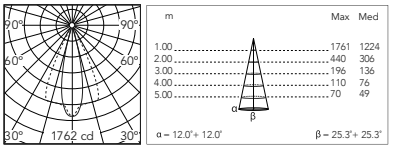



@ 3000K

### Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026D2GA001 | ○ F026D3GA001 | ○ F026D4GA001 |
| ● F026D2GA006 | ● F026D3GA006 | ● F026D4GA006 |
| ● F026D2GA012 | ● F026D3GA012 | ● F026D4GA012 |
| ● F026D2GA018 | ● F026D3GA018 | ● F026D4GA018 |
| ● F026D2GA030 | ● F026D3GA030 | ● F026D4GA030 |
| ● F026D2GA033 | ● F026D3GA033 | ● F026D4GA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026D2GB001 | ○ F026D3GB001 | ○ F026D4GB001 |
| ● F026D2GB006 | ● F026D3GB006 | ● F026D4GB006 |
| ● F026D2GB012 | ● F026D3GB012 | ● F026D4GB012 |
| ● F026D2GB018 | ● F026D3GB018 | ● F026D4GB018 |
| ● F026D2GB030 | ● F026D3GB030 | ● F026D4GB030 |
| ● F026D2GB033 | ● F026D3GB033 | ● F026D4GB033 |
| Dali | Dali | Dali |
| ○ F026D2GD001 | ○ F026D3GD001 | ○ F026D4GD001 |
| ● F026D2GD006 | ● F026D3GD006 | ● F026D4GD006 |
| ● F026D2GD012 | ● F026D3GD012 | ● F026D4GD012 |
| ● F026D2GD018 | ● F026D3GD018 | ● F026D4GD018 |
| ● F026D2GD030 | ● F026D3GD030 | ● F026D4GD030 |
| ● F026D2GD033 | ● F026D3GD033 | ● F026D4GD033 |

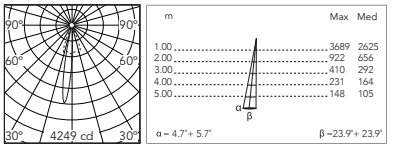



@ 3000K

### Optic Wall Washer

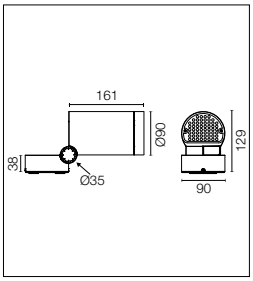
**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

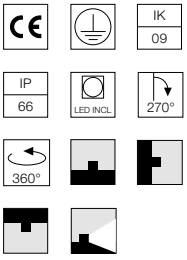
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026D2HA001 | ○ F026D3HA001 | ○ F026D4HA001 |
| ● F026D2HA006 | ● F026D3HA006 | ● F026D4HA006 |
| ● F026D2HA012 | ● F026D3HA012 | ● F026D4HA012 |
| ● F026D2HA018 | ● F026D3HA018 | ● F026D4HA018 |
| ● F026D2HA030 | ● F026D3HA030 | ● F026D4HA030 |
| ● F026D2HA033 | ● F026D3HA033 | ● F026D4HA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026D2HB001 | ○ F026D3HB001 | ○ F026D4HB001 |
| ● F026D2HB006 | ● F026D3HB006 | ● F026D4HB006 |
| ● F026D2HB012 | ● F026D3HB012 | ● F026D4HB012 |
| ● F026D2HB018 | ● F026D3HB018 | ● F026D4HB018 |
| ● F026D2HB030 | ● F026D3HB030 | ● F026D4HB030 |
| ● F026D2HB033 | ● F026D3HB033 | ● F026D4HB033 |
| Dali | Dali | Dali |
| ○ F026D2HD001 | ○ F026D3HD001 | ○ F026D4HD001 |
| ● F026D2HD006 | ● F026D3HD006 | ● F026D4HD006 |
| ● F026D2HD012 | ● F026D3HD012 | ● F026D4HD012 |
| ● F026D2HD018 | ● F026D3HD018 | ● F026D4HD018 |
| ● F026D2HD030 | ● F026D3HD030 | ● F026D4HD030 |
| ● F026D2HD033 | ● F026D3HD033 | ● F026D4HD033 |




@ 3000K

## Spine 2 Pro Hp



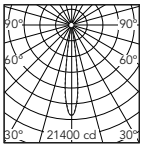

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für höheren visuellen Komfort. Equipada con snoot integrado para un confort visual mayor. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte über eine mitgelieferte wasserdichte Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.

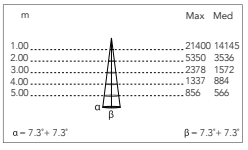
Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.

### Optic Spot 14,5°

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026E2BA001 | ○ F026E3BA001 | ○ F026E4BA001 |
| ● F026E2BA006 | ● F026E3BA006 | ● F026E4BA006 |
| ● F026E2BA012 | ● F026E3BA012 | ● F026E4BA012 |
| ● F026E2BA018 | ● F026E3BA018 | ● F026E4BA018 |
| ● F026E2BA030 | ● F026E3BA030 | ● F026E4BA030 |
| ● F026E2BA033 | ● F026E3BA033 | ● F026E4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026E2BB001 | ○ F026E3BB001 | ○ F026E4BB001 |
| ● F026E2BB006 | ● F026E3BB006 | ● F026E4BB006 |
| ● F026E2BB012 | ● F026E3BB012 | ● F026E4BB012 |
| ● F026E2BB018 | ● F026E3BB018 | ● F026E4BB018 |
| ● F026E2BB030 | ● F026E3BB030 | ● F026E4BB030 |
| ● F026E2BB033 | ● F026E3BB033 | ● F026E4BB033 |
| Dali | Dali | Dali |
| ○ F026E2BD001 | ○ F026E3BD001 | ○ F026E4BD001 |
| ● F026E2BD006 | ● F026E3BD006 | ● F026E4BD006 |
| ● F026E2BD012 | ● F026E3BD012 | ● F026E4BD012 |
| ● F026E2BD018 | ● F026E3BD018 | ● F026E4BD018 |
| ● F026E2BD030 | ● F026E3BD030 | ● F026E4BD030 |
| ● F026E2BD033 | ● F026E3BD033 | ● F026E4BD033 |



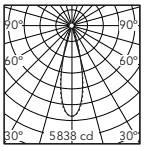



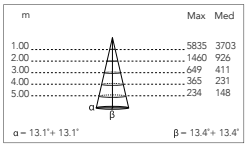

@ 3000K

### Optic Medium Flood 26°

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026E2CA001 | ○ F026E3CA001 | ○ F026E4CA001 |
| ● F026E2CA006 | ● F026E3CA006 | ● F026E4CA006 |
| ● F026E2CA012 | ● F026E3CA012 | ● F026E4CA012 |
| ● F026E2CA018 | ● F026E3CA018 | ● F026E4CA018 |
| ● F026E2CA030 | ● F026E3CA030 | ● F026E4CA030 |
| ● F026E2CA033 | ● F026E3CA033 | ● F026E4CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026E2CB001 | ○ F026E3CB001 | ○ F026E4CB001 |
| ● F026E2CB006 | ● F026E3CB006 | ● F026E4CB006 |
| ● F026E2CB012 | ● F026E3CB012 | ● F026E4CB012 |
| ● F026E2CB018 | ● F026E3CB018 | ● F026E4CB018 |
| ● F026E2CB030 | ● F026E3CB030 | ● F026E4CB030 |
| ● F026E2CB033 | ● F026E3CB033 | ● F026E4CB033 |
| Dali | Dali | Dali |
| ○ F026E2CD001 | ○ F026E3CD001 | ○ F026E4CD001 |
| ● F026E2CD006 | ● F026E3CD006 | ● F026E4CD006 |
| ● F026E2CD012 | ● F026E3CD012 | ● F026E4CD012 |
| ● F026E2CD018 | ● F026E3CD018 | ● F026E4CD018 |
| ● F026E2CD030 | ● F026E3CD030 | ● F026E4CD030 |
| ● F026E2CD033 | ● F026E3CD033 | ● F026E4CD033 |



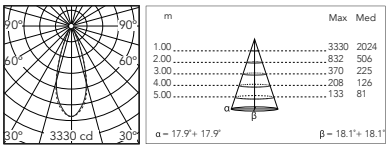




@ 3000K

### Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026E2DA001 | ○ F026E3DA001 | ○ F026E4DA001 |
| ● F026E2DA006 | ● F026E3DA006 | ● F026E4DA006 |
| ● F026E2DA012 | ● F026E3DA012 | ● F026E4DA012 |
| ● F026E2DA018 | ● F026E3DA018 | ● F026E4DA018 |
| ● F026E2DA030 | ● F026E3DA030 | ● F026E4DA030 |
| ● F026E2DA033 | ● F026E3DA033 | ● F026E4DA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026E2DB001 | ○ F026E3DB001 | ○ F026E4DB001 |
| ● F026E2DB006 | ● F026E3DB006 | ● F026E4DB006 |
| ● F026E2DB012 | ● F026E3DB012 | ● F026E4DB012 |
| ● F026E2DB018 | ● F026E3DB018 | ● F026E4DB018 |
| ● F026E2DB030 | ● F026E3DB030 | ● F026E4DB030 |
| ● F026E2DB033 | ● F026E3DB033 | ● F026E4DB033 |
| Dali | Dali | Dali |
| ○ F026E2DD001 | ○ F026E3DD001 | ○ F026E4DD001 |
| ● F026E2DD006 | ● F026E3DD006 | ● F026E4DD006 |
| ● F026E2DD012 | ● F026E3DD012 | ● F026E4DD012 |
| ● F026E2DD018 | ● F026E3DD018 | ● F026E4DD018 |
| ● F026E2DD030 | ● F026E3DD030 | ● F026E4DD030 |
| ● F026E2DD033 | ● F026E3DD033 | ● F026E4DD033 |

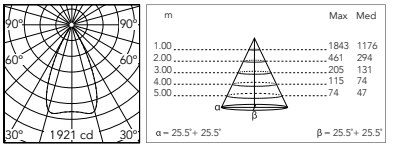



@ 3000K

### Optic Wide Flood 51° - Available Soon

**Power Led:** 17W - 1739 lm ≠ FIXT 1272 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1319 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1366 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026E2EA001 | ○ F026E3EA001 | ○ F026E4EA001 |
| ● F026E2EA006 | ● F026E3EA006 | ● F026E4EA006 |
| ● F026E2EA012 | ● F026E3EA012 | ● F026E4EA012 |
| ● F026E2EA018 | ● F026E3EA018 | ● F026E4EA018 |
| ● F026E2EA030 | ● F026E3EA030 | ● F026E4EA030 |
| ● F026E2EA033 | ● F026E3EA033 | ● F026E4EA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026E2EB001 | ○ F026E3EB001 | ○F026E4EB001 |
| ● F026E2EB006 | ● F026E3EB006 | ●F026E4EB006 |
| ● F026E2EB012 | ● F026E3EB012 | ●F026E4EB012 |
| ● F026E2EB018 | ● F026E3EB018 | ●F026E4EB018 |
| ● F026E2EB030 | ● F026E3EB030 | ●F026E4EB030 |
| ● F026E2EB033 | ● F026E3EB033 | ●F026E4EB033 |
| Dali | Dali | Dali |
| ○ F026E2ED001 | ○ F026E3ED001 | ○ F026E4ED001 |
| ● F026E2ED006 | ● F026E3ED006 | ● F026E4ED006 |
| ● F026E2ED012 | ● F026E3ED012 | ● F026E4ED012 |
| ● F026E2ED018 | ● F026E3ED018 | ● F026E4ED018 |
| ● F026E2ED030 | ● F026E3ED030 | ● F026E4ED030 |
| ● F026E2ED033 | ● F026E3ED033 | ● F026E4ED033 |



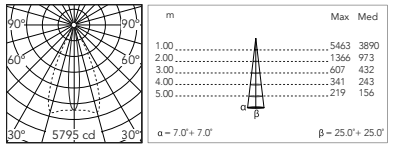

Preliminary photometry

@ 3000K

### Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026E2FA001 | ○ F026E3FA001 | ○ F026E4FA001 |
| ● F026E2FA006 | ● F026E3FA006 | ● F026E4FA006 |
| ● F026E2FA012 | ● F026E3FA012 | ● F026E4FA012 |
| ● F026E2FA018 | ● F026E3FA018 | ● F026E4FA018 |
| ● F026E2FA030 | ● F026E3FA030 | ● F026E4FA030 |
| ● F026E2FA033 | ● F026E3FA033 | ● F026E4FA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026E2FB001 | ○ F026E3FB001 | ○ F026E4FB001 |
| ● F026E2FB006 | ● F026E3FB006 | ● F026E4FB006 |
| ● F026E2FB012 | ● F026E3FB012 | ● F026E4FB012 |
| ● F026E2FB018 | ● F026E3FB018 | ● F026E4FB018 |
| ● F026E2FB030 | ● F026E3FB030 | ● F026E4FB030 |
| ● F026E2FB033 | ● F026E3FB033 | ● F026E4FB033 |
| Dali | Dali | Dali |
| ○ F026E2FD001 | ○ F026E3FD001 | ○ F026E4FD001 |
| ● F026E2FD006 | ● F026E3FD006 | ● F026E4FD006 |
| ● F026E2FD012 | ● F026E3FD012 | ● F026E4FD012 |
| ● F026E2FD018 | ● F026E3FD018 | ● F026E4FD018 |
| ● F026E2FD030 | ● F026E3FD030 | ● F026E4FD030 |
| ● F026E2FD033 | ● F026E3FD033 | ● F026E4FD033 |



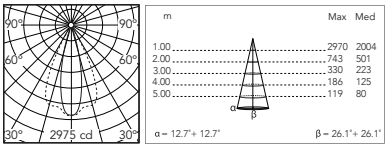

@ 3000K

## Spine 2 Pro Hp

**Optic Elliptical 2 25° x 52°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026E2GA001 | ○ F026E3GA001 | ○ F026E4GA001 |
| ● F026E2GA006 | ● F026E3GA006 | ● F026E4GA006 |
| ● F026E2GA012 | ● F026E3GA012 | ● F026E4GA012 |
| ● F026E2GA018 | ● F026E3GA018 | ● F026E4GA018 |
| ● F026E2GA030 | ● F026E3GA030 | ● F026E4GA030 |
| ● F026E2GA033 | ● F026E3GA033 | ● F026E4GA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026E2GB001 | ○ F026E3GB001 | ○ F026E4GB001 |
| ● F026E2GB006 | ● F026E3GB006 | ● F026E4GB006 |
| ● F026E2GB012 | ● F026E3GB012 | ● F026E4GB012 |
| ● F026E2GB018 | ● F026E3GB018 | ● F026E4GB018 |
| ● F026E2GB030 | ● F026E3GB030 | ● F026E4GB030 |
| ● F026E2GB033 | ● F026E3GB033 | ● F026E4GB033 |
| Dali | Dali | Dali |
| ○ F026E2GD001 | ○ F026E3GD001 | ○ F026E4GD001 |
| ● F026E2GD006 | ● F026E3GD006 | ● F026E4GD006 |
| ● F026E2GD012 | ● F026E3GD012 | ● F026E4GD012 |
| ● F026E2GD018 | ● F026E3GD018 | ● F026E4GD018 |
| ● F026E2GD030 | ● F026E3GD030 | ● F026E4GD030 |
| ● F026E2GD033 | ● F026E3GD033 | ● F026E4GD033 |

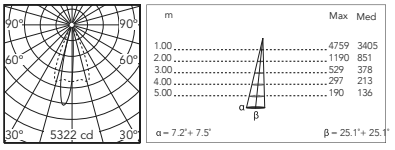


@ 3000K

**Optic Wall Washer**

**Power Led:** 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

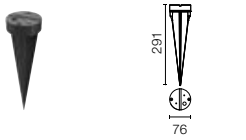
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026E2HA001 | ○ F026E3HA001 | ○ F026E4HA001 |
| ● F026E2HA006 | ● F026E3HA006 | ● F026E4HA006 |
| ● F026E2HA012 | ● F026E3HA012 | ● F026E4HA012 |
| ● F026E2HA018 | ● F026E3HA018 | ● F026E4HA018 |
| ● F026E2HA030 | ● F026E3HA030 | ● F026E4HA030 |
| ● F026E2HA033 | ● F026E3HA033 | ● F026E4HA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026E2HB001 | ○ F026E3HB001 | ○ F026E4HB001 |
| ● F026E2HB006 | ● F026E3HB006 | ● F026E4HB006 |
| ● F026E2HB012 | ● F026E3HB012 | ● F026E4HB012 |
| ● F026E2HB018 | ● F026E3HB018 | ● F026E4HB018 |
| ● F026E2HB030 | ● F026E3HB030 | ● F026E4HB030 |
| ● F026E2HB033 | ● F026E3HB033 | ● F026E4HB033 |
| Dali | Dali | Dali |
| ○ F026E2HD001 | ○ F026E3HD001 | ○ F026E4HD001 |
| ● F026E2HD006 | ● F026E3HD006 | ● F026E4HD006 |
| ● F026E2HD012 | ● F026E3HD012 | ● F026E4HD012 |
| ● F026E2HD018 | ● F026E3HD018 | ● F026E4HD018 |
| ● F026E2HD030 | ● F026E3HD030 | ● F026E4HD030 |
| ● F026E2HD033 | ● F026E3HD033 | ● F026E4HD033 |



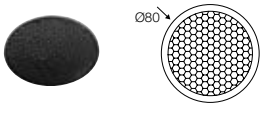
@ 3000K

## Spine 2 Pro: Zubehörteile / Accessories

| | | |
|---|---|---|
| Erdspieß. | Ground spike. | F026Z010000 |



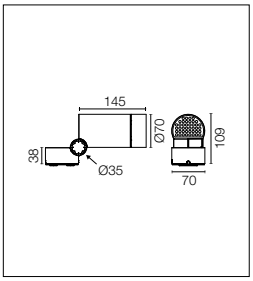

| | | |
|---|---|---|
| Honeycomb | Honeycomb Louvre | F026Z060000 |

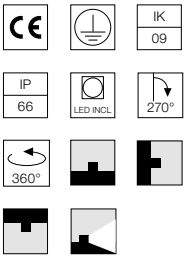



Konverterlinse / Converter lenses:

| | |
|---|---|
| - Converter Spine 2 Optic Medium Flood | F029Z020000 |
| - Converter Spine 2 Optic Flood | F029Z021000 |
| - Converter Spine 2 Optic Wide Flood (Available soon) | F029Z022000 |
| - Converter Spine 2 Optic Elliptic 1 | F029Z023000 |
| - Converter Spine 2 Optic Elliptic 2 | F029Z024000 |
| - Converter Spine 2 Optic Wall Washer | F029Z025000 |

## Spine 1 Ultra



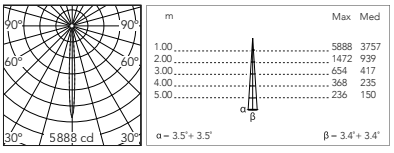

Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte mithilfe einer mitgelieferten wasserdichten Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Narrow Spot 7°

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025B2AA001 | ○ F025B3AA001 | ○ F025B4AA001 |
| ● F025B2AA006 | ● F025B3AA006 | ● F025B4AA006 |
| ● F025B2AA012 | ● F025B3AA012 | ● F025B4AA012 |
| ● F025B2AA018 | ● F025B3AA018 | ● F025B4AA018 |
| ● F025B2AA030 | ● F025B3AA030 | ● F025B4AA030 |
| ● F025B2AA033 | ● F025B3AA033 | ● F025B4AA033 |

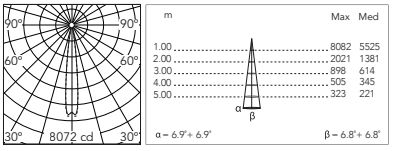



@ 3000K

### Optic Spot 14°

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025B2BA001 | ○ F025B3BA001 | ○ F025B4BA001 |
| ● F025B2BA006 | ● F025B3BA006 | ● F025B4BA006 |
| ● F025B2BA012 | ● F025B3BA012 | ● F025B4BA012 |
| ● F025B2BA018 | ● F025B3BA018 | ● F025B4BA018 |
| ● F025B2BA030 | ● F025B3BA030 | ● F025B4BA030 |
| ● F025B2BA033 | ● F025B3BA033 | ● F025B4BA033 |

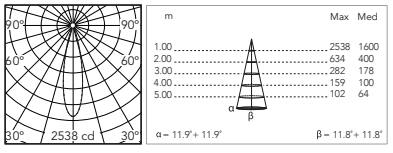



@ 3000K

### Optic Medium Flood 24,5°

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025B2CA001 | ○ F025B3CA001 | ○ F025B4CA001 |
| ● F025B2CA006 | ● F025B3CA006 | ● F025B4CA006 |
| ● F025B2CA012 | ● F025B3CA012 | ● F025B4CA012 |
| ● F025B2CA018 | ● F025B3CA018 | ● F025B4CA018 |
| ● F025B2CA030 | ● F025B3CA030 | ● F025B4CA030 |
| ● F025B2CA033 | ● F025B3CA033 | ● F025B4CA033 |

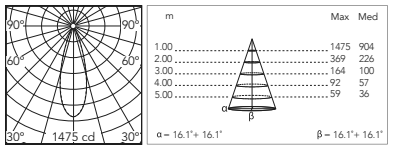



@ 3000K

### Optic Flood 32°

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025B2DA001 | ○ F025B3DA001 | ○ F025B4DA001 |
| ● F025B2DA006 | ● F025B3DA006 | ● F025B4DA006 |
| ● F025B2DA012 | ● F025B3DA012 | ● F025B4DA012 |
| ● F025B2DA018 | ● F025B3DA018 | ● F025B4DA018 |
| ● F025B2DA030 | ● F025B3DA030 | ● F025B4DA030 |
| ● F025B2DA033 | ● F025B3DA033 | ● F025B4DA033 |

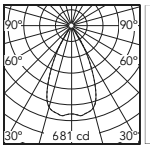


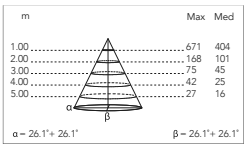

@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 7,9W - 671 lm ≠ FIXT 472 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 507 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025B2EA001 | F025B3EA001 | F025B4EA001 |
| F025B2EA006 | F025B3EA006 | F025B4EA006 |
| F025B2EA012 | F025B3EA012 | F025B4EA012 |
| F025B2EA018 | F025B3EA018 | F025B4EA018 |
| F025B2EA030 | F025B3EA030 | F025B4EA030 |
| F025B2EA033 | F025B3EA033 | F025B4EA033 |



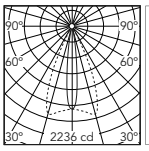



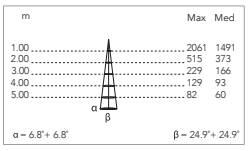

Preliminary photometry @ 3000K

### Optic Elliptical 1 13,5° x 50°

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025B2FA001 | F025B3FA001 | F025B4FA001 |
| F025B2FA006 | F025B3FA006 | F025B4FA006 |
| F025B2FA012 | F025B3FA012 | F025B4FA012 |
| F025B2FA018 | F025B3FA018 | F025B4FA018 |
| F025B2FA030 | F025B3FA030 | F025B4FA030 |
| F025B2FA033 | F025B3FA033 | F025B4FA033 |



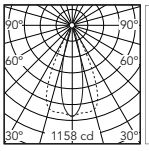



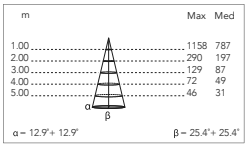

@ 3000K

### Optic Elliptical 2 26° x 51°

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025B2GA001 | F025B3GA001 | F025B4GA001 |
| F025B2GA006 | F025B3GA006 | F025B4GA006 |
| F025B2GA012 | F025B3GA012 | F025B4GA012 |
| F025B2GA018 | F025B3GA018 | F025B4GA018 |
| F025B2GA030 | F025B3GA030 | F025B4GA030 |
| F025B2GA033 | F025B3GA033 | F025B4GA033 |



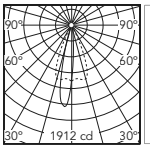



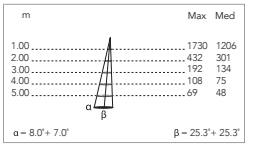

@ 3000K

### Optic Wall Washer

**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

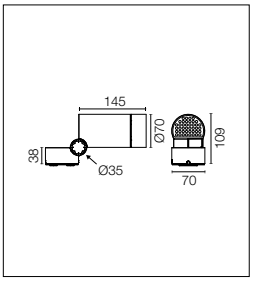
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025B2HA001 | F025B3HA001 | F025B4HA001 |
| F025B2HA006 | F025B3HA006 | F025B4HA006 |
| F025B2HA012 | F025B3HA012 | F025B4HA012 |
| F025B2HA018 | F025B3HA018 | F025B4HA018 |
| F025B2HA030 | F025B3HA030 | F025B4HA030 |
| F025B2HA033 | F025B3HA033 | F025B4HA033 |

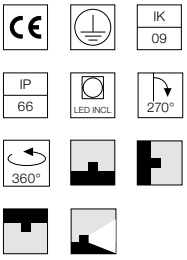



@ 3000K

## Spine 1 Ultra Hp



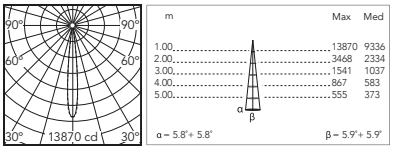

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte mithilfe einer mitgelieferten wasserdichten Anschlussbuchse. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Spot 12°

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025C2BA001 | ○ F025C3BA001 | ○ F025C4BA001 |
| ● F025C2BA006 | ● F025C3BA006 | ● F025C4BA006 |
| ● F025C2BA012 | ● F025C3BA012 | ● F025C4BA012 |
| ● F025C2BA018 | ● F025C3BA018 | ● F025C4BA018 |
| ● F025C2BA030 | ● F025C3BA030 | ● F025C4BA030 |
| ● F025C2BA033 | ● F025C3BA033 | ● F025C4BA033 |

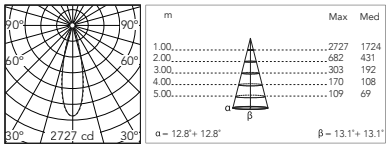



@ 3000K

### Optic Medium Flood 26,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025C2CA001 | ○ F025C3CA001 | ○ F025C4CA001 |
| ● F025C2CA006 | ● F025C3CA006 | ● F025C4CA006 |
| ● F025C2CA012 | ● F025C3CA012 | ● F025C4CA012 |
| ● F025C2CA018 | ● F025C3CA018 | ● F025C4CA018 |
| ● F025C2CA030 | ● F025C3CA030 | ● F025C4CA030 |
| ● F025C2CA033 | ● F025C3CA033 | ● F025C4CA033 |

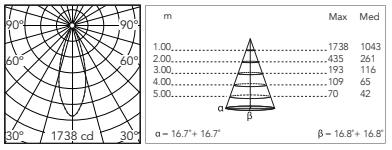



@ 3000K

### Optic Flood 33,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025C2DA001 | ○ F025C3DA001 | ○ F025C4DA001 |
| ● F025C2DA006 | ● F025C3DA006 | ● F025C4DA006 |
| ● F025C2DA012 | ● F025C3DA012 | ● F025C4DA012 |
| ● F025C2DA018 | ● F025C3DA018 | ● F025C4DA018 |
| ● F025C2DA030 | ● F025C3DA030 | ● F025C4DA030 |
| ● F025C2DA033 | ● F025C3DA033 | ● F025C4DA033 |

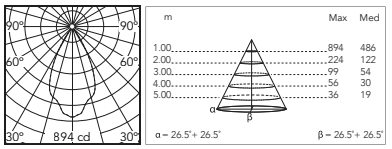



@ 3000K

### Optic Wide Flood 53° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 584 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 642 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025C2EA001 | ○ F025C3EA001 | ○ F025C4EA001 |
| ● F025C2EA006 | ● F025C3EA006 | ● F025C4EA006 |
| ● F025C2EA012 | ● F025C3EA012 | ● F025C4EA012 |
| ● F025C2EA018 | ● F025C3EA018 | ● F025C4EA018 |
| ● F025C2EA030 | ● F025C3EA030 | ● F025C4EA030 |
| ● F025C2EA033 | ● F025C3EA033 | ● F025C4EA033 |




Preliminary photometry

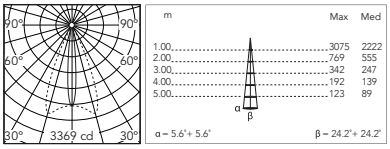
@ 3000K

## Spine 1 Ultra Hp

**Optic Elliptical 1 11,5° x 49°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025C2FA001 | ○ F025C3FA001 | ○ F025C4FA001 |
| ● F025C2FA006 | ● F025C3FA006 | ● F025C4FA006 |
| ● F025C2FA012 | ● F025C3FA012 | ● F025C4FA012 |
| ● F025C2FA018 | ● F025C3FA018 | ● F025C4FA018 |
| ● F025C2FA030 | ● F025C3FA030 | ● F025C4FA030 |
| ● F025C2FA033 | ● F025C3FA033 | ● F025C4FA033 |

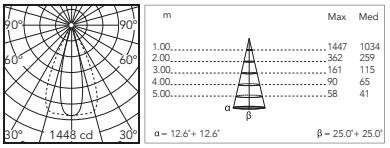



@ 3000K

**Optic Elliptical 2 25,5° x 50°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025C2GA001 | ○ F025C3GA001 | ○ F025C4GA001 |
| ● F025C2GA006 | ● F025C3GA006 | ● F025C4GA006 |
| ● F025C2GA012 | ● F025C3GA012 | ● F025C4GA012 |
| ● F025C2GA018 | ● F025C3GA018 | ● F025C4GA018 |
| ● F025C2GA030 | ● F025C3GA030 | ● F025C4GA030 |
| ● F025C2GA033 | ● F025C3GA033 | ● F025C4GA033 |

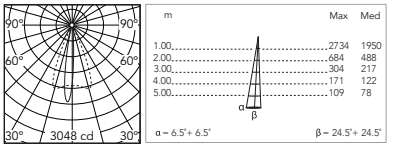



@ 3000K

**Optic Wall Washer**

**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

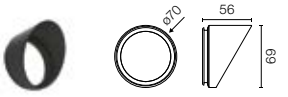
| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025C2HA001 | ○ F025C3HA001 | ○ F025C4HA001 |
| ● F025C2HA006 | ● F025C3HA006 | ● F025C4HA006 |
| ● F025C2HA012 | ● F025C3HA012 | ● F025C4HA012 |
| ● F025C2HA018 | ● F025C3HA018 | ● F025C4HA018 |
| ● F025C2HA030 | ● F025C3HA030 | ● F025C4HA030 |
| ● F025C2HA033 | ● F025C3HA033 | ● F025C4HA033 |



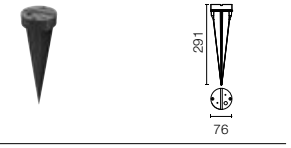

@ 3000K

## Spine 1 Ultra: Zubehörteile / Accessories

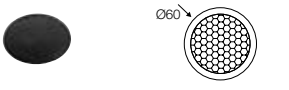
| | | |
|---|---|---|
| Viewer | Visor | ○ F025Z050001<br>● F025Z050006<br>● F025Z050012<br>● F025Z050018<br>● F025Z050030<br>● F025Z050033 |




| | | |
|---|---|---|
| Erdspieß. | Ground spike. | F026Z010000 |

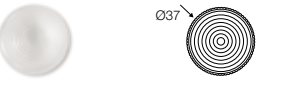



| | | |
|---|---|---|
| Honeycomb | Honeycomb Louvre | F025Z060000 |

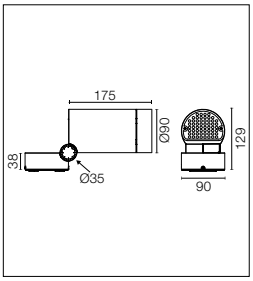


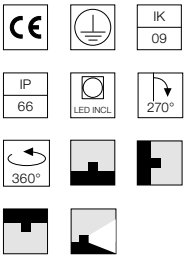

Konverterlinse / Converter lenses:

| | |
|---|---|
| - Converter Spine 1 Optic Medium Flood | F029Z010000 |
| - Converter Spine 1 Optic Flood | F029Z011000 |
| - Converter Spine 1 Optic Wide Flood (Available soon) | F029Z012000 |
| - Converter Spine 1 Optic Elliptic 1 | F029Z013000 |
| - Converter Spine 1 Optic Elliptic 2 | F029Z014000 |
| - Converter Spine 1 Optic Wall Washer | F029Z015000 |



## Spine 2 Ultra



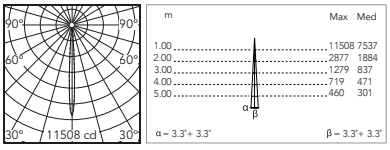

Power-LED-Lichtquelle. Ausgestattet mit integriertem Snoot für gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter,dimmbar 1-10V oder durch DALI. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte mithilfe einem mitgelieferten wasserdichten Steckverbinder. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.

### Optic Narrow Spot 6°

**Power Led:** 4,1W - 248 lm ≠ FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm ≠ FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm ≠ FIXT 247 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026B2AA001 | ○ F026B3AA001 | ○ F026B4AA001 |
| ● F026B2AA006 | ● F026B3AA006 | ● F026B4AA006 |
| ● F026B2AA012 | ● F026B3AA012 | ● F026B4AA012 |
| ● F026B2AA018 | ● F026B3AA018 | ● F026B4AA018 |
| ● F026B2AA030 | ● F026B3AA030 | ● F026B4AA030 |
| ● F026B2AA033 | ● F026B3AA033 | ● F026B4AA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026B2AB001 | ○ F026B3AB001 | ○ F026B4AB001 |
| ● F026B2AB006 | ● F026B3AB006 | ● F026B4AB006 |
| ● F026B2AB012 | ● F026B3AB012 | ● F026B4AB012 |
| ● F026B2AB018 | ● F026B3AB018 | ● F026B4AB018 |
| ● F026B2AB030 | ● F026B3AB030 | ● F026B4AB030 |
| ● F026B2AB033 | ● F026B3AB033 | ● F026B4AB033 |
| Dali | Dali | Dali |
| ○ F026B2AD001 | ○ F026B3AD001 | ○ F026B4AD001 |
| ● F026B2AD006 | ● F026B3AD006 | ● F026B4AD006 |
| ● F026B2AD012 | ● F026B3AD012 | ● F026B4AD012 |
| ● F026B2AD018 | ● F026B3AD018 | ● F026B4AD018 |
| ● F026B2AD030 | ● F026B3AD030 | ● F026B4AD030 |
| ● F026B2AD033 | ● F026B3AD033 | ● F026B4AD033 |

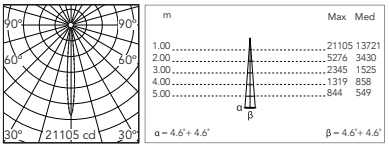



@ 3000K

### Optic Spot 9,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 769 lm - 2700K/CRI 80 - 220-240Vv / 10,5W - 966 lm ≠ FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 846 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026B2BA001 | ○ F026B3BA001 | ○ F026B4BA001 |
| ● F026B2BA006 | ● F026B3BA006 | ● F026B4BA006 |
| ● F026B2BA012 | ● F026B3BA012 | ● F026B4BA012 |
| ● F026B2BA018 | ● F026B3BA018 | ● F026B4BA018 |
| ● F026B2BA030 | ● F026B3BA030 | ● F026B4BA030 |
| ● F026B2BA033 | ● F026B3BA033 | ● F026B4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026B2BB001 | ○ F026B3BB001 | ○ F026B4BB001 |
| ● F026B2BB006 | ● F026B3BB006 | ● F026B4BB006 |
| ● F026B2BB012 | ● F026B3BB012 | ● F026B4BB012 |
| ● F026B2BB018 | ● F026B3BB018 | ● F026B4BB018 |
| ● F026B2BB030 | ● F026B3BB030 | ● F026B4BB030 |
| ● F026B2BB033 | ● F026B3BB033 | ● F026B4BB033 |
| Dali | Dali | Dali |
| ○ F026B2BD001 | ○ F026B3BD001 | ○ F026B4BD001 |
| ● F026B2BD006 | ● F026B3BD006 | ● F026B4BD006 |
| ● F026B2BD012 | ● F026B3BD012 | ● F026B4BD012 |
| ● F026B2BD018 | ● F026B3BD018 | ● F026B4BD018 |
| ● F026B2BD030 | ● F026B3BD030 | ● F026B4BD030 |
| ● F026B2BD033 | ● F026B3BD033 | ● F026B4BD033 |

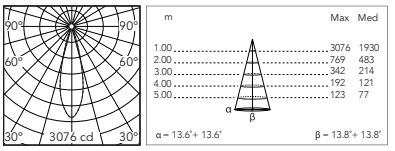



@ 3000K

### Optic Medium Flood 28°

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026B2CA001 | ○ F026B3CA001 | ○ F026B4CA001 |
| ● F026B2CA006 | ● F026B3CA006 | ● F026B4CA006 |
| ● F026B2CA012 | ● F026B3CA012 | ● F026B4CA012 |
| ● F026B2CA018 | ● F026B3CA018 | ● F026B4CA018 |
| ● F026B2CA030 | ● F026B3CA030 | ● F026B4CA030 |
| ● F026B2CA033 | ● F026B3CA033 | ● F026B4CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026B2CB001 | ○ F026B3CB001 | ○ F026B4CB001 |
| ● F026B2CB006 | ● F026B3CB006 | ● F026B4CB006 |
| ● F026B2CB012 | ● F026B3CB012 | ● F026B4CB012 |
| ● F026B2CB018 | ● F026B3CB018 | ● F026B4CB018 |
| ● F026B2CB030 | ● F026B3CB030 | ● F026B4CB030 |
| ● F026B2CB033 | ● F026B3CB033 | ● F026B4CB033 |
| Dali | Dali | Dali |
| ○ F026B2CD001 | ○ F026B3CD001 | ○ F026B4CD001 |
| ● F026B2CD006 | ● F026B3CD006 | ● F026B4CD006 |
| ● F026B2CD012 | ● F026B3CD012 | ● F026B4CD012 |
| ● F026B2CD018 | ● F026B3CD018 | ● F026B4CD018 |
| ● F026B2CD030 | ● F026B3CD030 | ● F026B4CD030 |
| ● F026B2CD033 | ● F026B3CD033 | ● F026B4CD033 |

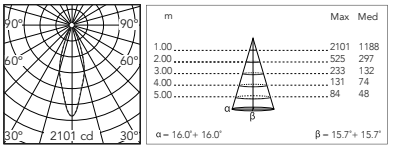



@ 3000K

### Optic Flood 33°

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026B2DA001 | ○ F026B3DA001 | ○ F026B4DA001 |
| ● F026B2DA006 | ● F026B3DA006 | ● F026B4DA006 |
| ● F026B2DA012 | ● F026B3DA012 | ● F026B4DA012 |
| ● F026B2DA018 | ● F026B3DA018 | ● F026B4DA018 |
| ● F026B2DA030 | ● F026B3DA030 | ● F026B4DA030 |
| ● F026B2DA033 | ● F026B3DA033 | ● F026B4DA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026B2DB001 | ○ F026B3DB001 | ○ F026B4DB001 |
| ● F026B2DB006 | ● F026B3DB006 | ● F026B4DB006 |
| ● F026B2DB012 | ● F026B3DB012 | ● F026B4DB012 |
| ● F026B2DB018 | ● F026B3DB018 | ● F026B4DB018 |
| ● F026B2DB030 | ● F026B3DB030 | ● F026B4DB030 |
| ● F026B2DB033 | ● F026B3DB033 | ● F026B4DB033 |
| Dali | Dali | Dali |
| ○ F026B2DD001 | ○ F026B3DD001 | ○ F026B4DD001 |
| ● F026B2DD006 | ● F026B3DD006 | ● F026B4DD006 |
| ● F026B2DD012 | ● F026B3DD012 | ● F026B4DD012 |
| ● F026B2DD018 | ● F026B3DD018 | ● F026B4DD018 |
| ● F026B2DD030 | ● F026B3DD030 | ● F026B4DD030 |
| ● F026B2DD033 | ● F026B3DD033 | ● F026B4DD033 |

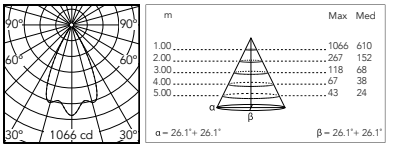



@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 677 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 711 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 745 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026B2EA001 | ○ F026B3EA001 | ○ F026B4EA001 |
| ● F026B2EA006 | ● F026B3EA006 | ● F026B4EA006 |
| ● F026B2EA012 | ● F026B3EA012 | ● F026B4EA012 |
| ● F026B2EA018 | ● F026B3EA018 | ● F026B4EA018 |
| ● F026B2EA030 | ● F026B3EA030 | ● F026B4EA030 |
| ● F026B2EA033 | ● F026B3EA033 | ● F026B4EA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026B2EB001 | ○ F026B3EB001 | ○ F026B4EB001 |
| ● F026B2EB006 | ● F026B3EB006 | ● F026B4EB006 |
| ● F026B2EB012 | ● F026B3EB012 | ● F026B4EB012 |
| ● F026B2EB018 | ● F026B3EB018 | ● F026B4EB018 |
| ● F026B2EB030 | ● F026B3EB030 | ● F026B4EB030 |
| ● F026B2EB033 | ● F026B3EB033 | ● F026B4EB033 |
| Dali | Dali | Dali |
| ○ F026B2ED001 | ○ F026B3ED001 | ○ F026B4ED001 |
| ● F026B2ED006 | ● F026B3ED006 | ● F026B4ED006 |
| ● F026B2ED012 | ● F026B3ED012 | ● F026B4ED012 |
| ● F026B2ED018 | ● F026B3ED018 | ● F026B4ED018 |
| ● F026B2ED030 | ● F026B3ED030 | ● F026B4ED030 |
| ● F026B2ED033 | ● F026B3ED033 | ● F026B4ED033 |



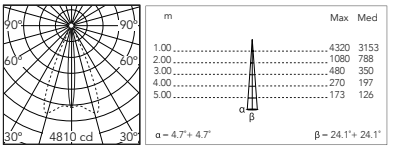

Preliminary photometry

@ 3000K

### Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026B2FA001 | ○ F026B3FA001 | ○ F026B4FA001 |
| ● F026B2FA006 | ● F026B3FA006 | ● F026B4FA006 |
| ● F026B2FA012 | ● F026B3FA012 | ● F026B4FA012 |
| ● F026B2FA018 | ● F026B3FA018 | ● F026B4FA018 |
| ● F026B2FA030 | ● F026B3FA030 | ● F026B4FA030 |
| ● F026B2FA033 | ● F026B3FA033 | ● F026B4FA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026B2FB001 | ○ F026B3FB001 | ○ F026B4FB001 |
| ● F026B2FB006 | ● F026B3FB006 | ● F026B4FB006 |
| ● F026B2FB012 | ● F026B3FB012 | ● F026B4FB012 |
| ● F026B2FB018 | ● F026B3FB018 | ● F026B4FB018 |
| ● F026B2FB030 | ● F026B3FB030 | ● F026B4FB030 |
| ● F026B2FB033 | ● F026B3FB033 | ● F026B4FB033 |
| Dali | Dali | Dali |
| ○ F026B2FD001 | ○ F026B3FD001 | ○ F026B4FD001 |
| ● F026B2FD006 | ● F026B3FD006 | ● F026B4FD006 |
| ● F026B2FD012 | ● F026B3FD012 | ● F026B4FD012 |
| ● F026B2FD018 | ● F026B3FD018 | ● F026B4FD018 |
| ● F026B2FD030 | ● F026B3FD030 | ● F026B4FD030 |
| ● F026B2FD033 | ● F026B3FD033 | ● F026B4FD033 |

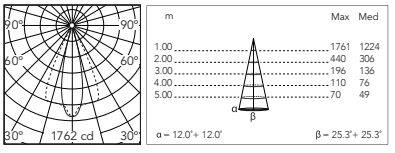



@ 3000K

### Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026B2GA001 | ○ F026B3GA001 | ○ F026B4GA001 |
| ● F026B2GA006 | ● F026B3GA006 | ● F026B4GA006 |
| ● F026B2GA012 | ● F026B3GA012 | ● F026B4GA012 |
| ● F026B2GA018 | ● F026B3GA018 | ● F026B4GA018 |
| ● F026B2GA030 | ● F026B3GA030 | ● F026B4GA030 |
| ● F026B2GA033 | ● F026B3GA033 | ● F026B4GA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026B2GB001 | ○ F026B3GB001 | ○ F026B4GB001 |
| ● F026B2GB006 | ● F026B3GB006 | ● F026B4GB006 |
| ● F026B2GB012 | ● F026B3GB012 | ● F026B4GB012 |
| ● F026B2GB018 | ● F026B3GB018 | ● F026B4GB018 |
| ● F026B2GB030 | ● F026B3GB030 | ● F026B4GB030 |
| ● F026B2GB033 | ● F026B3GB033 | ● F026B4GB033 |
| Dali | Dali | Dali |
| ○ F026B2GD001 | ○ F026B3GD001 | ○ F026B4GD001 |
| ● F026B2GD006 | ● F026B3GD006 | ● F026B4GD006 |
| ● F026B2GD012 | ● F026B3GD012 | ● F026B4GD012 |
| ● F026B2GD018 | ● F026B3GD018 | ● F026B4GD018 |
| ● F026B2GD030 | ● F026B3GD030 | ● F026B4GD030 |
| ● F026B2GD033 | ● F026B3GD033 | ● F026B4GD033 |

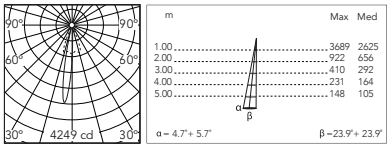



@ 3000K

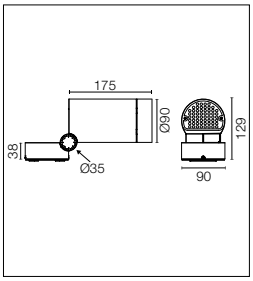
### Optic Wall Washer

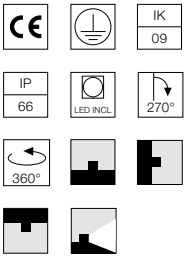
**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026B2HA001 | ○ F026B3HA001 | ○ F026B4HA001 |
| ● F026B2HA006 | ● F026B3HA006 | ● F026B4HA006 |
| ● F026B2HA012 | ● F026B3HA012 | ● F026B4HA012 |
| ● F026B2HA018 | ● F026B3HA018 | ● F026B4HA018 |
| ● F026B2HA030 | ● F026B3HA030 | ● F026B4HA030 |
| ● F026B2HA033 | ● F026B3HA033 | ● F026B4HA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026B2HB001 | ○ F026B3HB001 | ○ F026B4HB001 |
| ● F026B2HB006 | ● F026B3HB006 | ● F026B4HB006 |
| ● F026B2HB012 | ● F026B3HB012 | ● F026B4HB012 |
| ● F026B2HB018 | ● F026B3HB018 | ● F026B4HB018 |
| ● F026B2HB030 | ● F026B3HB030 | ● F026B4HB030 |
| ● F026B2HB033 | ● F026B3HB033 | ● F026B4HB033 |
| Dali | Dali | Dali |
| ○ F026B2HD001 | ○ F026B3HD001 | ○ F026B4HD001 |
| ● F026B2HD006 | ● F026B3HD006 | ● F026B4HD006 |
| ● F026B2HD012 | ● F026B3HD012 | ● F026B4HD012 |
| ● F026B2HD018 | ● F026B3HD018 | ● F026B4HD018 |
| ● F026B2HD030 | ● F026B3HD030 | ● F026B4HD030 |
| ● F026B2HD033 | ● F026B3HD033 | ● F026B4HD033 |




@ 3000K



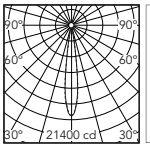

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ankerplatte im Lieferumfang enthalten. Der elektrische Anschluss erfolgt im Inneren der Platte mithilfe eines mitgelieferten wasserdichten Steckverbinders. Um die Abdichtung zu gewährleisten, ist es ratsam, flexible Kabel für den Außenbereich zu verwenden. Der Metallspieß für die Bodenmontage muss separat bestellt werden.

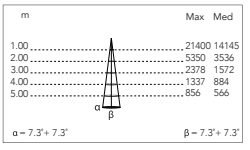
Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Fixing plate included. The electrical connection is made on the inside of the plate by means of a watertight connector included. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Ground spike for ground installations to be ordered separately.

### Optic Spot 14,5°

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026C2BA001 | ○ F026C3BA001 | ○ F026C4BA001 |
| ● F026C2BA006 | ● F026C3BA006 | ● F026C4BA006 |
| ● F026C2BA012 | ● F026C3BA012 | ● F026C4BA012 |
| ● F026C2BA018 | ● F026C3BA018 | ● F026C4BA018 |
| ● F026C2BA030 | ● F026C3BA030 | ● F026C4BA030 |
| ● F026C2BA033 | ● F026C3BA033 | ● F026C4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026C2BB001 | ○ F026C3BB001 | ○ F026C4BB001 |
| ● F026C2BB006 | ● F026C3BB006 | ● F026C4BB006 |
| ● F026C2BB012 | ● F026C3BB012 | ● F026C4BB012 |
| ● F026C2BB018 | ● F026C3BB018 | ● F026C4BB018 |
| ● F026C2BB030 | ● F026C3BB030 | ● F026C4BB030 |
| ● F026C2BB033 | ● F026C3BB033 | ● F026C4BB033 |
| Dali | Dali | Dali |
| ○ F026C2BD001 | ○ F026C3BD001 | ○ F026C4BD001 |
| ● F026C2BD006 | ● F026C3BD006 | ● F026C4BD006 |
| ● F026C2BD012 | ● F026C3BD012 | ● F026C4BD012 |
| ● F026C2BD018 | ● F026C3BD018 | ● F026C4BD018 |
| ● F026C2BD030 | ● F026C3BD030 | ● F026C4BD030 |
| ● F026C2BD033 | ● F026C3BD033 | ● F026C4BD033 |



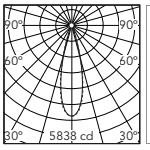



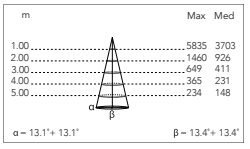

@ 3000K

### Optic Medium Flood 26°

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026C2CA001 | ○ F026C3CA001 | ○ F026C4CA001 |
| ● F026C2CA006 | ● F026C3CA006 | ● F026C4CA006 |
| ● F026C2CA012 | ● F026C3CA012 | ● F026C4CA012 |
| ● F026C2CA018 | ● F026C3CA018 | ● F026C4CA018 |
| ● F026C2CA030 | ● F026C3CA030 | ● F026C4CA030 |
| ● F026C2CA033 | ● F026C3CA033 | ● F026C4CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026C2CB001 | ○ F026C3CB001 | ○ F026C4CB001 |
| ● F026C2CB006 | ● F026C3CB006 | ● F026C4CB006 |
| ● F026C2CB012 | ● F026C3CB012 | ● F026C4CB012 |
| ● F026C2CB018 | ● F026C3CB018 | ● F026C4CB018 |
| ● F026C2CB030 | ● F026C3CB030 | ● F026C4CB030 |
| ● F026C2CB033 | ● F026C3CB033 | ● F026C4CB033 |
| Dali | Dali | Dali |
| ○ F026C2CD001 | ○ F026C3CD001 | ○ F026C4CD001 |
| ● F026C2CD006 | ● F026C3CD006 | ● F026C4CD006 |
| ● F026C2CD012 | ● F026C3CD012 | ● F026C4CD012 |
| ● F026C2CD018 | ● F026C3CD018 | ● F026C4CD018 |
| ● F026C2CD030 | ● F026C3CD030 | ● F026C4CD030 |
| ● F026C2CD033 | ● F026C3CD033 | ● F026C4CD033 |



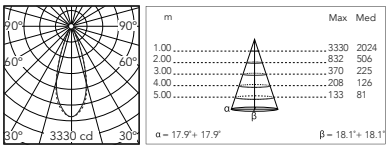




@ 3000K

### Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026C2DA001 | ○ F026C3DA001 | ○ F026C4DA001 |
| ● F026C2DA006 | ● F026C3DA006 | ● F026C4DA006 |
| ● F026C2DA012 | ● F026C3DA012 | ● F026C4DA012 |
| ● F026C2DA018 | ● F026C3DA018 | ● F026C4DA018 |
| ● F026C2DA030 | ● F026C3DA030 | ● F026C4DA030 |
| ● F026C2DA033 | ● F026C3DA033 | ● F026C4DA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026C2DB001 | ○ F026C3DB001 | ○ F026C4DB001 |
| ● F026C2DB006 | ● F026C3DB006 | ● F026C4DB006 |
| ● F026C2DB012 | ● F026C3DB012 | ● F026C4DB012 |
| ● F026C2DB018 | ● F026C3DB018 | ● F026C4DB018 |
| ● F026C2DB030 | ● F026C3DB030 | ● F026C4DB030 |
| ● F026C2DB033 | ● F026C3DB033 | ● F026C4DB033 |
| Dali | Dali | Dali |
| ○ F026C2DD001 | ○ F026C3DD001 | ○ F026C4DD001 |
| ● F026C2DD006 | ● F026C3DD006 | ● F026C4DD006 |
| ● F026C2DD012 | ● F026C3DD012 | ● F026C4DD012 |
| ● F026C2DD018 | ● F026C3DD018 | ● F026C4DD018 |
| ● F026C2DD030 | ● F026C3DD030 | ● F026C4DD030 |
| ● F026C2DD033 | ● F026C3DD033 | ● F026C4DD033 |

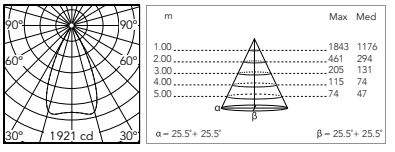



@ 3000K

### Optic Wide Flood 51° - Available Soon

**Power Led:** 17W - 1739 lm ≠ FIXT 1272 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1319 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1366 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026C2EA001 | ○ F026C3EA001 | ○ F026C4EA001 |
| ● F026C2EA006 | ● F026C3EA006 | ● F026C4EA006 |
| ● F026C2EA012 | ● F026C3EA012 | ● F026C4EA012 |
| ● F026C2EA018 | ● F026C3EA018 | ● F026C4EA018 |
| ● F026C2EA030 | ● F026C3EA030 | ● F026C4EA030 |
| ● F026C2EA033 | ● F026C3EA033 | ● F026C4EA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026C2EB001 | ○ F026C3EB001 | ○ F026C4EB001 |
| ● F026C2EB006 | ● F026C3EB006 | ● F026C4EB006 |
| ● F026C2EB012 | ● F026C3EB012 | ● F026C4EB012 |
| ● F026C2EB018 | ● F026C3EB018 | ● F026C4EB018 |
| ● F026C2EB030 | ● F026C3EB030 | ● F026C4EB030 |
| ● F026C2EB033 | ● F026C3EB033 | ● F026C4EB033 |
| Dali | Dali | Dali |
| ○ F026C2ED001 | ○ F026C3ED001 | ○ F026C4ED001 |
| ● F026C2ED006 | ● F026C3ED006 | ● F026C4ED006 |
| ● F026C2ED012 | ● F026C3ED012 | ● F026C4ED012 |
| ● F026C2ED018 | ● F026C3ED018 | ● F026C4ED018 |
| ● F026C2ED030 | ● F026C3ED030 | ● F026C4ED030 |
| ● F026C2ED033 | ● F026C3ED033 | ● F026C4ED033 |



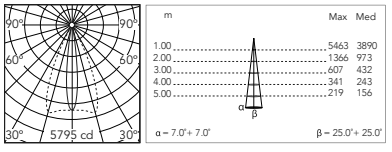

Preliminary photometry

@ 3000K

### Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026C2FA001 | ○ F026C3FA001 | ○ F026C4FA001 |
| ● F026C2FA006 | ● F026C3FA006 | ● F026C4FA006 |
| ● F026C2FA012 | ● F026C3FA012 | ● F026C4FA012 |
| ● F026C2FA018 | ● F026C3FA018 | ● F026C4FA018 |
| ● F026C2FA030 | ● F026C3FA030 | ● F026C4FA030 |
| ● F026C2FA033 | ● F026C3FA033 | ● F026C4FA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026C2FB001 | ○ F026C3FB001 | ○ F026C4FB001 |
| ● F026C2FB006 | ● F026C3FB006 | ● F026C4FB006 |
| ● F026C2FB012 | ● F026C3FB012 | ● F026C4FB012 |
| ● F026C2FB018 | ● F026C3FB018 | ● F026C4FB018 |
| ● F026C2FB030 | ● F026C3FB030 | ● F026C4FB030 |
| ● F026C2FB033 | ● F026C3FB033 | ● F026C4FB033 |
| Dali | Dali | Dali |
| ○ F026C2FD001 | ○ F026C3FD001 | ○ F026C4FD001 |
| ● F026C2FD006 | ● F026C3FD006 | ● F026C4FD006 |
| ● F026C2FD012 | ● F026C3FD012 | ● F026C4FD012 |
| ● F026C2FD018 | ● F026C3FD018 | ● F026C4FD018 |
| ● F026C2FD030 | ● F026C3FD030 | ● F026C4FD030 |
| ● F026C2FD033 | ● F026C3FD033 | ● F026C4FD033 |



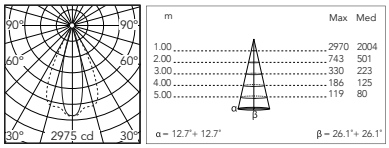

@ 3000K

## Spine 2 Ultra Hp

**Optic Elliptical 2 25° x 52°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026C2GA001 | ○ F026C3GA001 | ○ F026C4GA001 |
| ● F026C2GA006 | ● F026C3GA006 | ● F026C4GA006 |
| ● F026C2GA012 | ● F026C3GA012 | ● F026C4GA012 |
| ● F026C2GA018 | ● F026C3GA018 | ● F026C4GA018 |
| ● F026C2GA030 | ● F026C3GA030 | ● F026C4GA030 |
| ● F026C2GA033 | ● F026C3GA033 | ● F026C4GA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026C2GB001 | ○ F026C3GB001 | ○ F026C4GB001 |
| ● F026C2GB006 | ● F026C3GB006 | ● F026C4GB006 |
| ● F026C2GB012 | ● F026C3GB012 | ● F026C4GB012 |
| ● F026C2GB018 | ● F026C3GB018 | ● F026C4GB018 |
| ● F026C2GB030 | ● F026C3GB030 | ● F026C4GB030 |
| ● F026C2GB033 | ● F026C3GB033 | ● F026C4GB033 |
| Dali | Dali | Dali |
| ○ F026C2GD001 | ○ F026C3GD001 | ○ F026C4GD001 |
| ● F026C2GD006 | ● F026C3GD006 | ● F026C4GD006 |
| ● F026C2GD012 | ● F026C3GD012 | ● F026C4GD012 |
| ● F026C2GD018 | ● F026C3GD018 | ● F026C4GD018 |
| ● F026C2GD030 | ● F026C3GD030 | ● F026C4GD030 |
| ● F026C2GD033 | ● F026C3GD033 | ● F026C4GD033 |

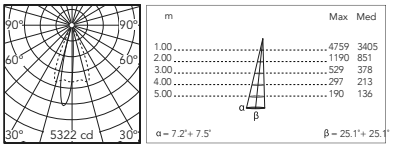



@ 3000K

**Optic Wall Washer**

**Power Led:** 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026C2HA001 | ○ F026C3HA001 | ○ F026C4HA001 |
| ● F026C2HA006 | ● F026C3HA006 | ● F026C4HA006 |
| ● F026C2HA012 | ● F026C3HA012 | ● F026C4HA012 |
| ● F026C2HA018 | ● F026C3HA018 | ● F026C4HA018 |
| ● F026C2HA030 | ● F026C3HA030 | ● F026C4HA030 |
| ● F026C2HA033 | ● F026C3HA033 | ● F026C4HA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026C2HB001 | ○ F026C3HB001 | ○ F026C4HB001 |
| ● F026C2HB006 | ● F026C3HB006 | ● F026C4HB006 |
| ● F026C2HB012 | ● F026C3HB012 | ● F026C4HB012 |
| ● F026C2HB018 | ● F026C3HB018 | ● F026C4HB018 |
| ● F026C2HB030 | ● F026C3HB030 | ● F026C4HB030 |
| ● F026C2HB033 | ● F026C3HB033 | ● F026C4HB033 |
| Dali | Dali | Dali |
| ○ F026C2HD001 | ○ F026C3HD001 | ○ F026C4HD001 |
| ● F026C2HD006 | ● F026C3HD006 | ● F026C4HD006 |
| ● F026C2HD012 | ● F026C3HD012 | ● F026C4HD012 |
| ● F026C2HD018 | ● F026C3HD018 | ● F026C4HD018 |
| ● F026C2HD030 | ● F026C3HD030 | ● F026C4HD030 |
| ● F026C2HD033 | ● F026C3HD033 | ● F026C4HD033 |

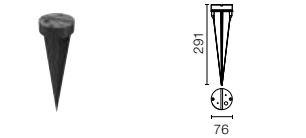



@ 3000K

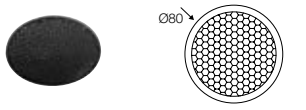
## Spine 2 Ultra: Zubehörteile / Accessories

| | | |
|---|---|---|
| Viewer | Visor | ○ F026Z050001<br>● F026Z050006<br>● F026Z050012<br>● F026Z050018<br>● F026Z050030<br>● F026Z050033 |

| | | |
|---|---|---|
| Erdspieß. | Ground spike. | F026Z010000 |

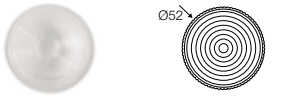



| | | |
|---|---|---|
| Honeycomb | Honeycomb Louvre | F026Z060000 |

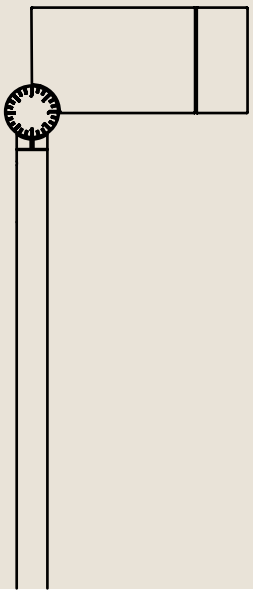



Konverterlinse / Converter lenses:

| | |
|---|---|
| - Converter Spine 2 Optic Medium Flood | F029Z020000 |
| - Converter Spine 2 Optic Flood | F029Z021000 |
| - Converter Spine 2 Optic Wide Flood (Available soon) | F029Z022000 |
| - Converter Spine 2 Optic Elliptic 1 | F029Z023000 |
| - Converter Spine 2 Optic Elliptic 2 | F029Z024000 |
| - Converter Spine 2 Optic Wall Washer | F029Z025000 |



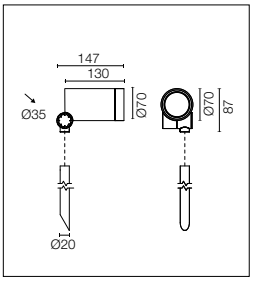
## Spine F

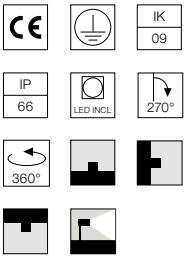


Eine spezielle Stange kann leicht im Boden installie werden und steigert so die Vielseitigkeit des Produkts.

A special rod can be easily installed in the ground increasing the product versatility.

## Spine F 1 Absolute



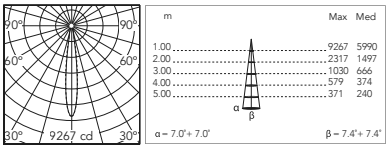

LED-COB-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden.
Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

LED COB light source included. Integrated electric power supply 220-240V ON/OFF. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

**Optic Spot 15°**

**CoB Led:** 11W - 1247 lm ≠ FIXT 923 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 982 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 1011 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025F2BA001 | ○ F025F3BA001 | ○ F025F4BA001 |
| ● F025F2BA006 | ● F025F3BA006 | ● F025F4BA006 |
| ● F025F2BA012 | ● F025F3BA012 | ● F025F4BA012 |
| ● F025F2BA018 | ● F025F3BA018 | ● F025F4BA018 |
| ● F025F2BA030 | ● F025F3BA030 | ● F025F4BA030 |
| ● F025F2BA033 | ● F025F3BA033 | ● F025F4BA033 |

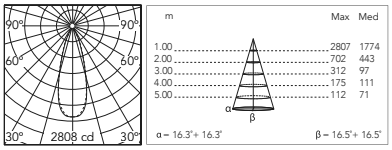



@ 3000K

**Optic Medium Flood 33°**

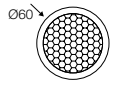
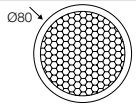
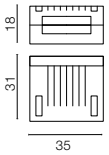
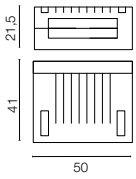
**CoB Led:** 11W - 1247 lm ≠ FIXT 906 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 964 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 993 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025F2CA001 | ○ F025F3CA001 | ○ F025F4CA001 |
| ● F025F2CA006 | ● F025F3CA006 | ● F025F4CA006 |
| ● F025F2CA012 | ● F025F3CA012 | ● F025F4CA012 |
| ● F025F2CA018 | ● F025F3CA018 | ● F025F4CA018 |
| ● F025F2CA030 | ● F025F3CA030 | ● F025F4CA030 |
| ● F025F2CA033 | ● F025F3CA033 | ● F025F4CA033 |

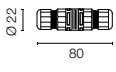
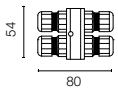



@ 3000K

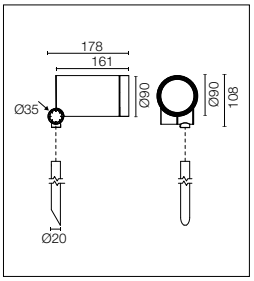
## Spine F 1 / F 2 Absolute: Absolute: Zubehörteile / Accessories

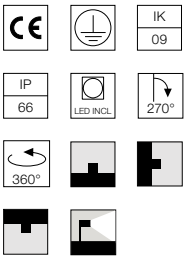
| | | | | |
|---|---|---|---|---|
| Honeycomb | Honeycomb Louvre | Spine F 1<br>F025Z060000 | |  |
| Honeycomb | Honeycomb Louvre | Spine F 2<br>F026Z060000 | |  |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | Spine F 1<br>F990C100000 | |  |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | Spine F 2<br>F990C110000 | |  |

## Spine F 1 / F 2 Absolute: Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

| | | | | |
|---|---|---|---|---|
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |  |

## Spine F 2 Absolute



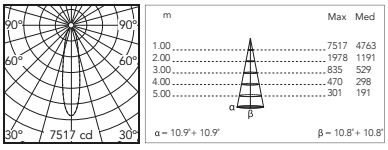

LED-COB-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden.

LED COB light source included. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately.

### Optic Spot 22°

**CoB Led:** 19,5W - 2197 lm ≠ FIXT 1939 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2085 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2120 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026F2BA001 | ○ F026F3BA001 | ○ F026F4BA001 |
| ● F026F2BA006 | ● F026F3BA006 | ● F026F4BA006 |
| ● F026F2BA012 | ● F026F3BA012 | ● F026F4BA012 |
| ● F026F2BA018 | ● F026F3BA018 | ● F026F4BA018 |
| ● F026F2BA030 | ● F026F3BA030 | ● F026F4BA030 |
| ● F026F2BA033 | ● F026F3BA033 | ● F026F4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026F2BB001 | ○ F026F3BB001 | ○ F026F4BB001 |
| ● F026F2BB006 | ● F026F3BB006 | ● F026F4BB006 |
| ● F026F2BB012 | ● F026F3BB012 | ● F026F4BB012 |
| ● F026F2BB018 | ● F026F3BB018 | ● F026F4BB018 |
| ● F026F2BB030 | ● F026F3BB030 | ● F026F4BB030 |
| ● F026F2BB033 | ● F026F3BB033 | ● F026F4BB033 |
| Dali | Dali | Dali |
| ○ F026F2BD001 | ○ F026F3BD001 | ○ F026F4BD001 |
| ● F026F2BD006 | ● F026F3BD006 | ● F026F4BD006 |
| ● F026F2BD012 | ● F026F3BD012 | ● F026F4BD012 |
| ● F026F2BD018 | ● F026F3BD018 | ● F026F4BD018 |
| ● F026F2BD030 | ● F026F3BD030 | ● F026F4BD030 |
| ● F026F2BD033 | ● F026F3BD033 | ● F026F4BD033 |

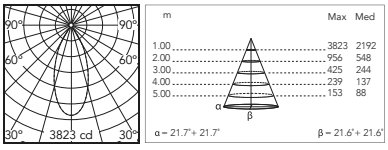



@ 3000K

### Optic Medium Flood 43°

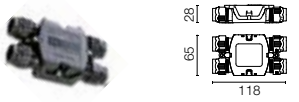
**CoB Led:** 19,5W - 2197 lm ≠ FIXT 2026 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2178 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2298 lm - 4000K/CRI 80 - 220-240V

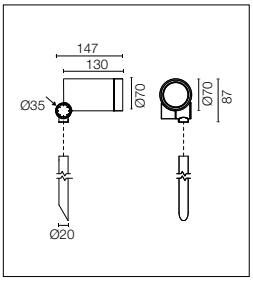
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026F2CA001 | ○ F026F3CA001 | ○ F026F4CA001 |
| ● F026F2CA006 | ● F026F3CA006 | ● F026F4CA006 |
| ● F026F2CA012 | ● F026F3CA012 | ● F026F4CA012 |
| ● F026F2CA018 | ● F026F3CA018 | ● F026F4CA018 |
| ● F026F2CA030 | ● F026F3CA030 | ● F026F4CA030 |
| ● F026F2CA033 | ● F026F3CA033 | ● F026F4CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026F2CB001 | ○ F026F3CB001 | ○ F026F4CB001 |
| ● F026F2CB006 | ● F026F3CB006 | ● F026F4CB006 |
| ● F026F2CB012 | ● F026F3CB012 | ● F026F4CB012 |
| ● F026F2CB018 | ● F026F3CB018 | ● F026F4CB018 |
| ● F026F2CB030 | ● F026F3CB030 | ● F026F4CB030 |
| ● F026F2CB033 | ● F026F3CB033 | ● F026F4CB033 |
| Dali | Dali | Dali |
| ○ F026F2CD001 | ○ F026F3CD001 | ○ F026F4CD001 |
| ● F026F2CD006 | ● F026F3CD006 | ● F026F4CD006 |
| ● F026F2CD012 | ● F026F3CD012 | ● F026F4CD012 |
| ● F026F2CD018 | ● F026F3CD018 | ● F026F4CD018 |
| ● F026F2CD030 | ● F026F3CD030 | ● F026F4CD030 |
| ● F026F2CD033 | ● F026F3CD033 | ● F026F4CD033 |

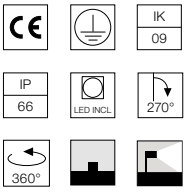



@ 3000K

## Spine F 2 Absolute: Zubehör für dimmbare Versionen / Accessories for dimmable versions

| | | | |
|---|---|---|---|
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 | |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 |   |



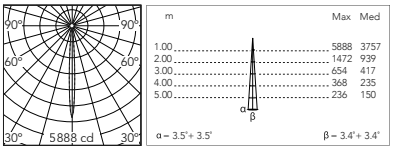

Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ausgestattet mit einem 5meter langen Neopren-Kabelabschnitt (10m auf Anfrage) für den Fernverbindung; für die Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Narrow Spot 7°

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025L2AA001 | ○ F025L3AA001 | ○ F025L4AA001 |
| ● F025L2AA006 | ● F025L3AA006 | ● F025L4AA006 |
| ● F025L2AA012 | ● F025L3AA012 | ● F025L4AA012 |
| ● F025L2AA018 | ● F025L3AA018 | ● F025L4AA018 |
| ● F025L2AA030 | ● F025L3AA030 | ● F025L4AA030 |
| ● F025L2AA033 | ● F025L3AA033 | ● F025L4AA033 |

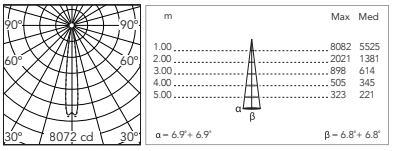



@ 3000K

### Optic Spot 14°

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025L2BA001 | ○ F025L3BA001 | ○ F025L4BA001 |
| ● F025L2BA006 | ● F025L3BA006 | ● F025L4BA006 |
| ● F025L2BA012 | ● F025L3BA012 | ● F025L4BA012 |
| ● F025L2BA018 | ● F025L3BA018 | ● F025L4BA018 |
| ● F025L2BA030 | ● F025L3BA030 | ● F025L4BA030 |
| ● F025L2BA033 | ● F025L3BA033 | ● F025L4BA033 |

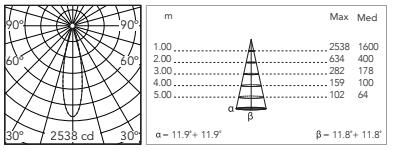



@ 3000K

### Optic Medium Flood 24,5°

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025L2CA001 | ○ F025L3CA001 | ○ F025L4CA001 |
| ● F025L2CA006 | ● F025L3CA006 | ● F025L4CA006 |
| ● F025L2CA012 | ● F025L3CA012 | ● F025L4CA012 |
| ● F025L2CA018 | ● F025L3CA018 | ● F025L4CA018 |
| ● F025L2CA030 | ● F025L3CA030 | ● F025L4CA030 |
| ● F025L2CA033 | ● F025L3CA033 | ● F025L4CA033 |

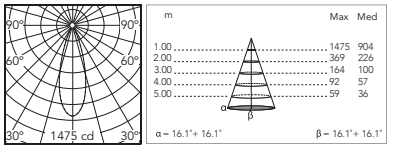



@ 3000K

### Optic Flood 32°

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025L2DA001 | ○ F025L3DA001 | ○ F025L4DA001 |
| ● F025L2DA006 | ● F025L3DA006 | ● F025L4DA006 |
| ● F025L2DA012 | ● F025L3DA012 | ● F025L4DA012 |
| ● F025L2DA018 | ● F025L3DA018 | ● F025L4DA018 |
| ● F025L2DA030 | ● F025L3DA030 | ● F025L4DA030 |
| ● F025L2DA033 | ● F025L3DA033 | ● F025L4DA033 |

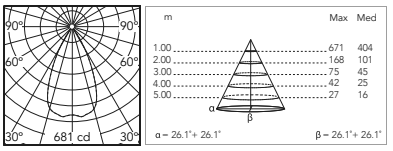



@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 7,9W - 671 lm ≠ FIXT 472 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 507 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025L2EA001 | F025L3EA001 | F025L4EA001 |
| F025L2EA006 | F025L3EA006 | F025L4EA006 |
| F025L2EA012 | F025L3EA012 | F025L4EA012 |
| F025L2EA018 | F025L3EA018 | F025L4EA018 |
| F025L2EA030 | F025L3EA030 | F025L4EA030 |
| F025L2EA033 | F025L3EA033 | F025L4EA033 |



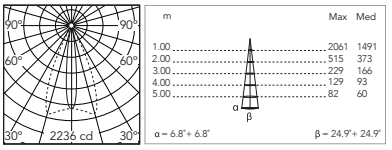

Preliminary photometry

@ 3000K

### Optic Elliptical 1 13,5° x 50°

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025L2FA001 | F025L3FA001 | F025L4FA001 |
| F025L2FA006 | F025L3FA006 | F025L4FA006 |
| F025L2FA012 | F025L3FA012 | F025L4FA012 |
| F025L2FA018 | F025L3FA018 | F025L4FA018 |
| F025L2FA030 | F025L3FA030 | F025L4FA030 |
| F025L2FA033 | F025L3FA033 | F025L4FA033 |

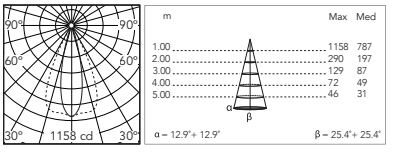



@ 3000K

### Optic Elliptical 2 26° x 51°

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025L2GA001 | F025L3GA001 | F025L4GA001 |
| F025L2GA006 | F025L3GA006 | F025L4GA006 |
| F025L2GA012 | F025L3GA012 | F025L4GA012 |
| F025L2GA018 | F025L3GA018 | F025L4GA018 |
| F025L2GA030 | F025L3GA030 | F025L4GA030 |
| F025L2GA033 | F025L3GA033 | F025L4GA033 |

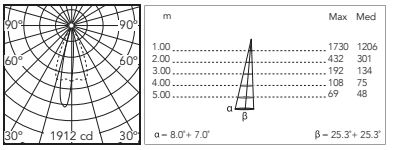



@ 3000K

### Optic Wall Washer

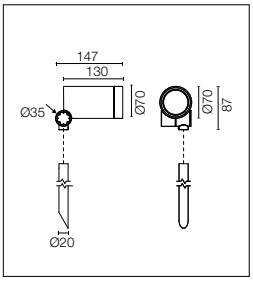
**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

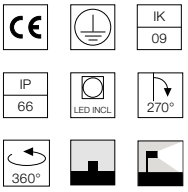
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025L2HA001 | F025L3HA001 | F025L4HA001 |
| F025L2HA006 | F025L3HA006 | F025L4HA006 |
| F025L2HA012 | F025L3HA012 | F025L4HA012 |
| F025L2HA018 | F025L3HA018 | F025L4HA018 |
| F025L2HA030 | F025L3HA030 | F025L4HA030 |
| F025L2HA033 | F025L3HA033 | F025L4HA033 |




@ 3000K

## Spine F 1 Pro Hp



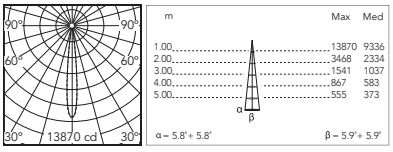

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für den Fernverbindung; für die Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Spot 12°

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025M2BA001 | ○ F025M3BA001 | ○ F025M4BA001 |
| ● F025M2BA006 | ● F025M3BA006 | ● F025M4BA006 |
| ● F025M2BA012 | ● F025M3BA012 | ● F025M4BA012 |
| ● F025M2BA018 | ● F025M3BA018 | ● F025M4BA018 |
| ● F025M2BA030 | ● F025M3BA030 | ● F025M4BA030 |
| ● F025M2BA033 | ● F025M3BA033 | ● F025M4BA033 |

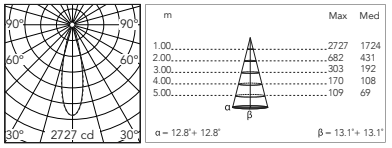



@ 3000K

### Optic Medium Flood 26,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025M2CA001 | ○ F025M3CA001 | ○ F025M4CA001 |
| ● F025M2CA006 | ● F025M3CA006 | ● F025M4CA006 |
| ● F025M2CA012 | ● F025M3CA012 | ● F025M4CA012 |
| ● F025M2CA018 | ● F025M3CA018 | ● F025M4CA018 |
| ● F025M2CA030 | ● F025M3CA030 | ● F025M4CA030 |
| ● F025M2CA033 | ● F025M3CA033 | ● F025M4CA033 |

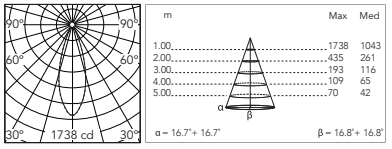



@ 3000K

### Optic Flood 33,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025M2DA001 | ○ F025M3DA001 | ○ F025M4DA001 |
| ● F025M2DA006 | ● F025M3DA006 | ● F025M4DA006 |
| ● F025M2DA012 | ● F025M3DA012 | ● F025M4DA012 |
| ● F025M2DA018 | ● F025M3DA018 | ● F025M4DA018 |
| ● F025M2DA030 | ● F025M3DA030 | ● F025M4DA030 |
| ● F025M2DA033 | ● F025M3DA033 | ● F025M4DA033 |

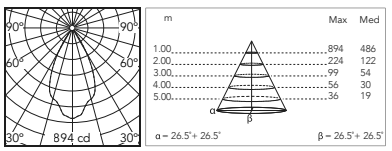



@ 3000K

### Optic Wide Flood 53° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 584 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 642 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025M2EA001 | ○ F025M3EA001 | ○ F025M4EA001 |
| ● F025M2EA006 | ● F025M3EA006 | ● F025M4EA006 |
| ● F025M2EA012 | ● F025M3EA012 | ● F025M4EA012 |
| ● F025M2EA018 | ● F025M3EA018 | ● F025M4EA018 |
| ● F025M2EA030 | ● F025M3EA030 | ● F025M4EA030 |
| ● F025M2EA033 | ● F025M3EA033 | ● F025M4EA033 |




Preliminary photometry

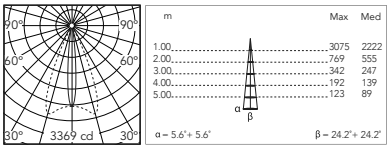
@ 3000K

## Spine F 1 Pro Hp

**Optic Elliptical 1 11,5° x 49°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025M2FA001 | ○ F025M3FA001 | ○ F025M4FA001 |
| ● F025M2FA006 | ● F025M3FA006 | ● F025M4FA006 |
| ● F025M2FA012 | ● F025M3FA012 | ● F025M4FA012 |
| ● F025M2FA018 | ● F025M3FA018 | ● F025M4FA018 |
| ● F025M2FA030 | ● F025M3FA030 | ● F025M4FA030 |
| ● F025M2FA033 | ● F025M3FA033 | ● F025M4FA033 |

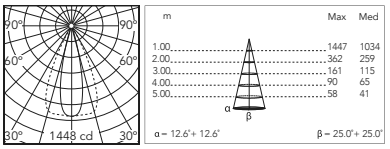



@ 3000K

**Optic Elliptical 2 25,5° x 50°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025M2GA001 | ○ F025M3GA001 | ○ F025M4GA001 |
| ● F025M2GA006 | ● F025M3GA006 | ● F025M4GA006 |
| ● F025M2GA012 | ● F025M3GA012 | ● F025M4GA012 |
| ● F025M2GA018 | ● F025M3GA018 | ● F025M4GA018 |
| ● F025M2GA030 | ● F025M3GA030 | ● F025M4GA030 |
| ● F025M2GA033 | ● F025M3GA033 | ● F025M4GA033 |

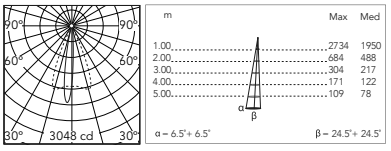



@ 3000K

**Optic Wall Washer**

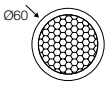
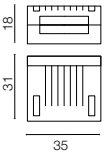
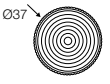
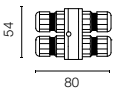
**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025M2HA001 | ○ F025M3HA001 | ○ F025M4HA001 |
| ● F025M2HA006 | ● F025M3HA006 | ● F025M4HA006 |
| ● F025M2HA012 | ● F025M3HA012 | ● F025M4HA012 |
| ● F025M2HA018 | ● F025M3HA018 | ● F025M4HA018 |
| ● F025M2HA030 | ● F025M3HA030 | ● F025M4HA030 |
| ● F025M2HA033 | ● F025M3HA033 | ● F025M4HA033 |

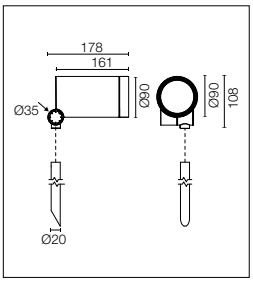


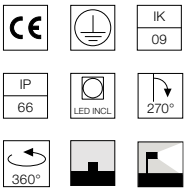

@ 3000K

## Spine F 1 Pro: Zubehörteile / Accessories

| | | | |
|---|---|---|---|
| Honeycomb | Honeycomb Louvre | F025Z060000 |   |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | F990C100000 |   |
| Konverterlinse / Converter lenses:<br>- Converter Spine 1 Optic Medium Flood<br>- Converter Spine 1 Optic Flood<br>- Converter Spine 1 Optic Wide Flood (Available soon)<br>- Converter Spine 1 Optic Elliptic 1<br>- Converter Spine 1 Optic Elliptic 2<br>- Converter Spine 1 Optic Wall Washer | | F029Z010000<br>F029Z011000<br>F029Z012000<br>F029Z013000<br>F029Z014000<br>F029Z015000 |    |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 |   |

## Spine F 2 Pro



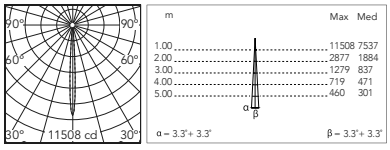

Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für den Fernverbindung; für die Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately.

### Optic Narrow Spot 6°

**Power Led:** 4,1W - 248 lm ≠ FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm ≠ FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm ≠ FIXT 247 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026L2AA001 | ○ F026L3AA001 | ○ F026L4AA001 |
| ● F026L2AA006 | ● F026L3AA006 | ● F026L4AA006 |
| ● F026L2AA012 | ● F026L3AA012 | ● F026L4AA012 |
| ● F026L2AA018 | ● F026L3AA018 | ● F026L4AA018 |
| ● F026L2AA030 | ● F026L3AA030 | ● F026L4AA030 |
| ● F026L2AA033 | ● F026L3AA033 | ● F026L4AA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026L2AB001 | ○ F026L3AB001 | ○ F026L4AB001 |
| ● F026L2AB006 | ● F026L3AB006 | ● F026L4AB006 |
| ● F026L2AB012 | ● F026L3AB012 | ● F026L4AB012 |
| ● F026L2AB018 | ● F026L3AB018 | ● F026L4AB018 |
| ● F026L2AB030 | ● F026L3AB030 | ● F026L4AB030 |
| ● F026L2AB033 | ● F026L3AB033 | ● F026L4AB033 |
| Dali | Dali | Dali |
| ○ F026L2AD001 | ○ F026L3AD001 | ○ F026L4AD001 |
| ● F026L2AD006 | ● F026L3AD006 | ● F026L4AD006 |
| ● F026L2AD012 | ● F026L3AD012 | ● F026L4AD012 |
| ● F026L2AD018 | ● F026L3AD018 | ● F026L4AD018 |
| ● F026L2AD030 | ● F026L3AD030 | ● F026L4AD030 |
| ● F026L2AD033 | ● F026L3AD033 | ● F026L4AD033 |

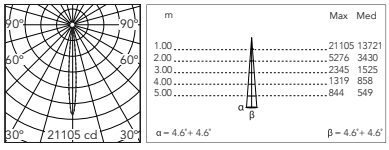



@ 3000K

### Optic Spot 9,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 769 lm - 2700K/CRI 80 - 220-240Vv / 10,5W - 966 lm ≠ FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 846 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026L2BA001 | ○ F026L3BA001 | ○ F026L4BA001 |
| ● F026L2BA006 | ● F026L3BA006 | ● F026L4BA006 |
| ● F026L2BA012 | ● F026L3BA012 | ● F026L4BA012 |
| ● F026L2BA018 | ● F026L3BA018 | ● F026L4BA018 |
| ● F026L2BA030 | ● F026L3BA030 | ● F026L4BA030 |
| ● F026L2BA033 | ● F026L3BA033 | ● F026L4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026L2BB001 | ○ F026L3BB001 | ○ F026L4BB001 |
| ● F026L2BB006 | ● F026L3BB006 | ● F026L4BB006 |
| ● F026L2BB012 | ● F026L3BB012 | ● F026L4BB012 |
| ● F026L2BB018 | ● F026L3BB018 | ● F026L4BB018 |
| ● F026L2BB030 | ● F026L3BB030 | ● F026L4BB030 |
| ● F026L2BB033 | ● F026L3BB033 | ● F026L4BB033 |
| Dali | Dali | Dali |
| ○ F026L2BD001 | ○ F026L3BD001 | ○ F026L4BD001 |
| ● F026L2BD006 | ● F026L3BD006 | ● F026L4BD006 |
| ● F026L2BD012 | ● F026L3BD012 | ● F026L4BD012 |
| ● F026L2BD018 | ● F026L3BD018 | ● F026L4BD018 |
| ● F026L2BD030 | ● F026L3BD030 | ● F026L4BD030 |
| ● F026L2BD033 | ● F026L3BD033 | ● F026L4BD033 |

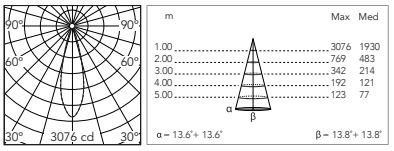



@ 3000K

### Optic Medium Flood 28°

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026L2CA001 | ○ F026L3CA001 | ○ F026L4CA001 |
| ● F026L2CA006 | ● F026L3CA006 | ● F026L4CA006 |
| ● F026L2CA012 | ● F026L3CA012 | ● F026L4CA012 |
| ● F026L2CA018 | ● F026L3CA018 | ● F026L4CA018 |
| ● F026L2CA030 | ● F026L3CA030 | ● F026L4CA030 |
| ● F026L2CA033 | ● F026L3CA033 | ● F026L4CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026L2CB001 | ○ F026L3CB001 | ○ F026L4CB001 |
| ● F026L2CB006 | ● F026L3CB006 | ● F026L4CB006 |
| ● F026L2CB012 | ● F026L3CB012 | ● F026L4CB012 |
| ● F026L2CB018 | ● F026L3CB018 | ● F026L4CB018 |
| ● F026L2CB030 | ● F026L3CB030 | ● F026L4CB030 |
| ● F026L2CB033 | ● F026L3CB033 | ● F026L4CB033 |
| Dali | Dali | Dali |
| ○ F026L2CD001 | ○ F026L3CD001 | ○ F026L4CD001 |
| ● F026L2CD006 | ● F026L3CD006 | ● F026L4CD006 |
| ● F026L2CD012 | ● F026L3CD012 | ● F026L4CD012 |
| ● F026L2CD018 | ● F026L3CD018 | ● F026L4CD018 |
| ● F026L2CD030 | ● F026L3CD030 | ● F026L4CD030 |
| ● F026L2CD033 | ● F026L3CD033 | ● F026L4CD033 |

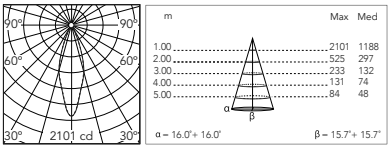



@ 3000K

### Optic Flood 33°

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026L2DA001 | ○ F026L3DA001 | ○ F026L4DA001 |
| ● F026L2DA006 | ● F026L3DA006 | ● F026L4DA006 |
| ● F026L2DA012 | ● F026L3DA012 | ● F026L4DA012 |
| ● F026L2DA018 | ● F026L3DA018 | ● F026L4DA018 |
| ● F026L2DA030 | ● F026L3DA030 | ● F026L4DA030 |
| ● F026L2DA033 | ● F026L3DA033 | ● F026L4DA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026L2DB001 | ○ F026L3DB001 | ○ F026L4DB001 |
| ● F026L2DB006 | ● F026L3DB006 | ● F026L4DB006 |
| ● F026L2DB012 | ● F026L3DB012 | ● F026L4DB012 |
| ● F026L2DB018 | ● F026L3DB018 | ● F026L4DB018 |
| ● F026L2DB030 | ● F026L3DB030 | ● F026L4DB030 |
| ● F026L2DB033 | ● F026L3DB033 | ● F026L4DB033 |
| Dali | Dali | Dali |
| ○ F026L2DD001 | ○ F026L3DD001 | ○ F026L4DD001 |
| ● F026L2DD006 | ● F026L3DD006 | ● F026L4DD006 |
| ● F026L2DD012 | ● F026L3DD012 | ● F026L4DD012 |
| ● F026L2DD018 | ● F026L3DD018 | ● F026L4DD018 |
| ● F026L2DD030 | ● F026L3DD030 | ● F026L4DD030 |
| ● F026L2DD033 | ● F026L3DD033 | ● F026L4DD033 |

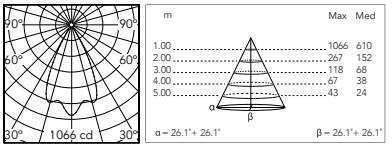



@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 677 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 711 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 745 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026L2EA001 | ○ F026L3EA001 | ○ F026L4EA001 |
| ● F026L2EA006 | ● F026L3EA006 | ● F026L4EA006 |
| ● F026L2EA012 | ● F026L3EA012 | ● F026L4EA012 |
| ● F026L2EA018 | ● F026L3EA018 | ● F026L4EA018 |
| ● F026L2EA030 | ● F026L3EA030 | ● F026L4EA030 |
| ● F026L2EA033 | ● F026L3EA033 | ● F026L4EA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026L2EB001 | ○ F026L3EB001 | ○ F026L4EB001 |
| ● F026L2EB006 | ● F026L3EB006 | ● F026L4EB006 |
| ● F026L2EB012 | ● F026L3EB012 | ● F026L4EB012 |
| ● F026L2EB018 | ● F026L3EB018 | ● F026L4EB018 |
| ● F026L2EB030 | ● F026L3EB030 | ● F026L4EB030 |
| ● F026L2EB033 | ● F026L3EB033 | ● F026L4EB033 |
| Dali | Dali | Dali |
| ○ F026L2ED001 | ○ F026L3ED001 | ○ F026L4ED001 |
| ● F026L2ED006 | ● F026L3ED006 | ● F026L4ED006 |
| ● F026L2ED012 | ● F026L3ED012 | ● F026L4ED012 |
| ● F026L2ED018 | ● F026L3ED018 | ● F026L4ED018 |
| ● F026L2ED030 | ● F026L3ED030 | ● F026L4ED030 |
| ● F026L2ED033 | ● F026L3ED033 | ● F026L4ED033 |



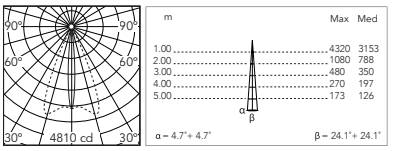

Preliminary photometry

@ 3000K

### Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026L2FA001 | ○ F026L3FA001 | ○ F026L4FA001 |
| ● F026L2FA006 | ● F026L3FA006 | ● F026L4FA006 |
| ● F026L2FA012 | ● F026L3FA012 | ● F026L4FA012 |
| ● F026L2FA018 | ● F026L3FA018 | ● F026L4FA018 |
| ● F026L2FA030 | ● F026L3FA030 | ● F026L4FA030 |
| ● F026L2FA033 | ● F026L3FA033 | ● F026L4FA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026L2FB001 | ○ F026L3FB001 | ○ F026L4FB001 |
| ● F026L2FB006 | ● F026L3FB006 | ● F026L4FB006 |
| ● F026L2FB012 | ● F026L3FB012 | ● F026L4FB012 |
| ● F026L2FB018 | ● F026L3FB018 | ● F026L4FB018 |
| ● F026L2FB030 | ● F026L3FB030 | ● F026L4FB030 |
| ● F026L2FB033 | ● F026L3FB033 | ● F026L4FB033 |
| Dali | Dali | Dali |
| ○ F026L2FD001 | ○ F026L3FD001 | ○ F026L4FD001 |
| ● F026L2FD006 | ● F026L3FD006 | ● F026L4FD006 |
| ● F026L2FD012 | ● F026L3FD012 | ● F026L4FD012 |
| ● F026L2FD018 | ● F026L3FD018 | ● F026L4FD018 |
| ● F026L2FD030 | ● F026L3FD030 | ● F026L4FD030 |
| ● F026L2FD033 | ● F026L3FD033 | ● F026L4FD033 |

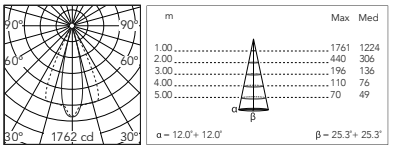



@ 3000K

### Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026L2GA001 | ○ F026L3GA001 | ○ F026L4GA001 |
| ● F026L2GA006 | ● F026L3GA006 | ● F026L4GA006 |
| ● F026L2GA012 | ● F026L3GA012 | ● F026L4GA012 |
| ● F026L2GA018 | ● F026L3GA018 | ● F026L4GA018 |
| ● F026L2GA030 | ● F026L3GA030 | ● F026L4GA030 |
| ● F026L2GA033 | ● F026L3GA033 | ● F026L4GA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026L2GB001 | ○ F026L3GB001 | ○ F026L4GB001 |
| ● F026L2GB006 | ● F026L3GB006 | ● F026L4GB006 |
| ● F026L2GB012 | ● F026L3GB012 | ● F026L4GB012 |
| ● F026L2GB018 | ● F026L3GB018 | ● F026L4GB018 |
| ● F026L2GB030 | ● F026L3GB030 | ● F026L4GB030 |
| ● F026L2GB033 | ● F026L3GB033 | ● F026L4GB033 |
| Dali | Dali | Dali |
| ○ F026L2GD001 | ○ F026L3GD001 | ○ F026L4GD001 |
| ● F026L2GD006 | ● F026L3GD006 | ● F026L4GD006 |
| ● F026L2GD012 | ● F026L3GD012 | ● F026L4GD012 |
| ● F026L2GD018 | ● F026L3GD018 | ● F026L4GD018 |
| ● F026L2GD030 | ● F026L3GD030 | ● F026L4GD030 |
| ● F026L2GD033 | ● F026L3GD033 | ● F026L4GD033 |

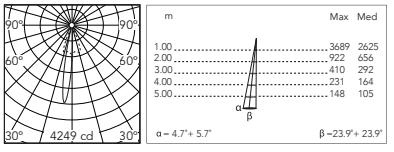



@ 3000K

### Optic Wall Washer

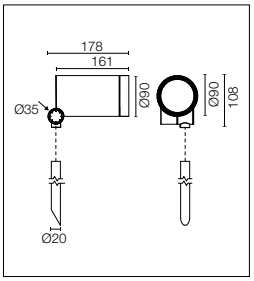
**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

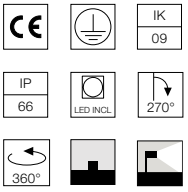
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026L2HA001 | ○ F026L3HA001 | ○ F026L4HA001 |
| ● F026L2HA006 | ● F026L3HA006 | ● F026L4HA006 |
| ● F026L2HA012 | ● F026L3HA012 | ● F026L4HA012 |
| ● F026L2HA018 | ● F026L3HA018 | ● F026L4HA018 |
| ● F026L2HA030 | ● F026L3HA030 | ● F026L4HA030 |
| ● F026L2HA033 | ● F026L3HA033 | ● F026L4HA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026L2HB001 | ○ F026L3HB001 | ○ F026L4HB001 |
| ● F026L2HB006 | ● F026L3HB006 | ● F026L4HB006 |
| ● F026L2HB012 | ● F026L3HB012 | ● F026L4HB012 |
| ● F026L2HB018 | ● F026L3HB018 | ● F026L4HB018 |
| ● F026L2HB030 | ● F026L3HB030 | ● F026L4HB030 |
| ● F026L2HB033 | ● F026L3HB033 | ● F026L4HB033 |
| Dali | Dali | Dali |
| ○ F026L2HD001 | ○ F026L3HD001 | ○ F026L4HD001 |
| ● F026L2HD006 | ● F026L3HD006 | ● F026L4HD006 |
| ● F026L2HD012 | ● F026L3HD012 | ● F026L4HD012 |
| ● F026L2HD018 | ● F026L3HD018 | ● F026L4HD018 |
| ● F026L2HD030 | ● F026L3HD030 | ● F026L4HD030 |
| ● F026L2HD033 | ● F026L3HD033 | ● F026L4HD033 |




@ 3000K

## Spine F 2 Pro HP



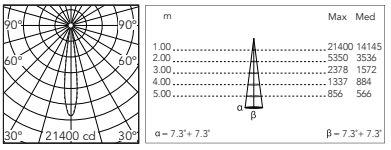

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für den Fernverbindung; für die Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately.

### Optic Spot 14,5°

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026M2BA001 | ○ F026M3BA001 | ○ F026M4BA001 |
| ● F026M2BA006 | ● F026M3BA006 | ● F026M4BA006 |
| ● F026M2BA012 | ● F026M3BA012 | ● F026M4BA012 |
| ● F026M2BA018 | ● F026M3BA018 | ● F026M4BA018 |
| ● F026M2BA030 | ● F026M3BA030 | ● F026M4BA030 |
| ● F026M2BA033 | ● F026M3BA033 | ● F026M4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026M2BB001 | ○ F026M3BB001 | ○ F026M4BB001 |
| ● F026M2BB006 | ● F026M3BB006 | ● F026M4BB006 |
| ● F026M2BB012 | ● F026M3BB012 | ● F026M4BB012 |
| ● F026M2BB018 | ● F026M3BB018 | ● F026M4BB018 |
| ● F026M2BB030 | ● F026M3BB030 | ● F026M4BB030 |
| ● F026M2BB033 | ● F026M3BB033 | ● F026M4BB033 |
| Dali | Dali | Dali |
| ○ F026M2BD001 | ○ F026M3BD001 | ○ F026M4BD001 |
| ● F026M2BD006 | ● F026M3BD006 | ● F026M4BD006 |
| ● F026M2BD012 | ● F026M3BD012 | ● F026M4BD012 |
| ● F026M2BD018 | ● F026M3BD018 | ● F026M4BD018 |
| ● F026M2BD030 | ● F026M3BD030 | ● F026M4BD030 |
| ● F026M2BD033 | ● F026M3BD033 | ● F026M4BD033 |

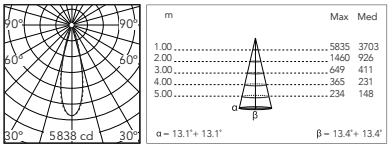



@ 3000K

### Optic Medium Flood 26°

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026M2CA001 | ○ F026M3CA001 | ○ F026M4CA001 |
| ● F026M2CA006 | ● F026M3CA006 | ● F026M4CA006 |
| ● F026M2CA012 | ● F026M3CA012 | ● F026M4CA012 |
| ● F026M2CA018 | ● F026M3CA018 | ● F026M4CA018 |
| ● F026M2CA030 | ● F026M3CA030 | ● F026M4CA030 |
| ● F026M2CA033 | ● F026M3CA033 | ● F026M4CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026M2CB001 | ○ F026M3CB001 | ○ F026M4CB001 |
| ● F026M2CB006 | ● F026M3CB006 | ● F026M4CB006 |
| ● F026M2CB012 | ● F026M3CB012 | ● F026M4CB012 |
| ● F026M2CB018 | ● F026M3CB018 | ● F026M4CB018 |
| ● F026M2CB030 | ● F026M3CB030 | ● F026M4CB030 |
| ● F026M2CB033 | ● F026M3CB033 | ● F026M4CB033 |
| Dali | Dali | Dali |
| ○ F026M2CD001 | ○ F026M3CD001 | ○ F026M4CD001 |
| ● F026M2CD006 | ● F026M3CD006 | ● F026M4CD006 |
| ● F026M2CD012 | ● F026M3CD012 | ● F026M4CD012 |
| ● F026M2CD018 | ● F026M3CD018 | ● F026M4CD018 |
| ● F026M2CD030 | ● F026M3CD030 | ● F026M4CD030 |
| ● F026M2CD033 | ● F026M3CD033 | ● F026M4CD033 |



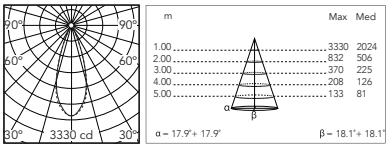

@ 3000K

## Spine F 2 Pro Hp

### Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026M2DA001 | ○ F026M3DA001 | ○ F026M4DA001 |
| ● F026M2DA006 | ● F026M3DA006 | ● F026M4DA006 |
| ● F026M2DA012 | ● F026M3DA012 | ● F026M4DA012 |
| ● F026M2DA018 | ● F026M3DA018 | ● F026M4DA018 |
| ● F026M2DA030 | ● F026M3DA030 | ● F026M4DA030 |
| ● F026M2DA033 | ● F026M3DA033 | ● F026M4DA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026M2DB001 | ○ F026M3DB001 | ○ F026M4DB001 |
| ● F026M2DB006 | ● F026M3DB006 | ● F026M4DB006 |
| ● F026M2DB012 | ● F026M3DB012 | ● F026M4DB012 |
| ● F026M2DB018 | ● F026M3DB018 | ● F026M4DB018 |
| ● F026M2DB030 | ● F026M3DB030 | ● F026M4DB030 |
| ● F026M2DB033 | ● F026M3DB033 | ● F026M4DB033 |
| Dali | Dali | Dali |
| ○ F026M2DD001 | ○ F026M3DD001 | ○ F026M4DD001 |
| ● F026M2DD006 | ● F026M3DD006 | ● F026M4DD006 |
| ● F026M2DD012 | ● F026M3DD012 | ● F026M4DD012 |
| ● F026M2DD018 | ● F026M3DD018 | ● F026M4DD018 |
| ● F026M2DD030 | ● F026M3DD030 | ● F026M4DD030 |
| ● F026M2DD033 | ● F026M3DD033 | ● F026M4DD033 |

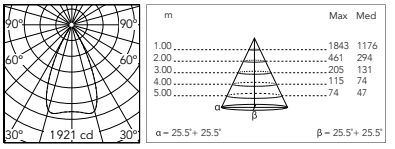



@ 3000K

### Optic Wide Flood 51° - Available Soon

**Power Led:** 17W - 1739 lm ≠ FIXT 1272 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1319 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1366 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026M2EA001 | ○ F026M3EA001 | ○ F026M4EA001 |
| ● F026M2EA006 | ● F026M3EA006 | ● F026M4EA006 |
| ● F026M2EA012 | ● F026M3EA012 | ● F026M4EA012 |
| ● F026M2EA018 | ● F026M3EA018 | ● F026M4EA018 |
| ● F026M2EA030 | ● F026M3EA030 | ● F026M4EA030 |
| ● F026M2EA033 | ● F026M3EA033 | ● F026M4EA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026M2EB001 | ○ F026M3EB001 | ○ F026M4EB001 |
| ● F026M2EB006 | ● F026M3EB006 | ● F026M4EB006 |
| ● F026M2EB012 | ● F026M3EB012 | ● F026M4EB012 |
| ● F026M2EB018 | ● F026M3EB018 | ● F026M4EB018 |
| ● F026M2EB030 | ● F026M3EB030 | ● F026M4EB030 |
| ● F026M2EB033 | ● F026M3EB033 | ● F026M4EB033 |
| Dali | Dali | Dali |
| ○ F026M2ED001 | ○ F026M3ED001 | ○ F026M4ED001 |
| ● F026M2ED006 | ● F026M3ED006 | ● F026M4ED006 |
| ● F026M2ED012 | ● F026M3ED012 | ● F026M4ED012 |
| ● F026M2ED018 | ● F026M3ED018 | ● F026M4ED018 |
| ● F026M2ED030 | ● F026M3ED030 | ● F026M4ED030 |
| ● F026M2ED033 | ● F026M3ED033 | ● F026M4ED033 |



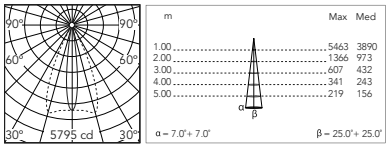

Preliminary photometry

@ 3000K

### Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026M2FA001 | ○ F026M3FA001 | ○ F026M4FA001 |
| ● F026M2FA006 | ● F026M3FA006 | ● F026M4FA006 |
| ● F026M2FA012 | ● F026M3FA012 | ● F026M4FA012 |
| ● F026M2FA018 | ● F026M3FA018 | ● F026M4FA018 |
| ● F026M2FA030 | ● F026M3FA030 | ● F026M4FA030 |
| ● F026M2FA033 | ● F026M3FA033 | ● F026M4FA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026M2FB001 | ○ F026M3FB001 | ○ F026M4FB001 |
| ● F026M2FB006 | ● F026M3FB006 | ● F026M4FB006 |
| ● F026M2FB012 | ● F026M3FB012 | ● F026M4FB012 |
| ● F026M2FB018 | ● F026M3FB018 | ● F026M4FB018 |
| ● F026M2FB030 | ● F026M3FB030 | ● F026M4FB030 |
| ● F026M2FB033 | ● F026M3FB033 | ● F026M4FB033 |
| Dali | Dali | Dali |
| ○ F026M2FD001 | ○ F026M3FD001 | ○ F026M4FD001 |
| ● F026M2FD006 | ● F026M3FD006 | ● F026M4FD006 |
| ● F026M2FD012 | ● F026M3FD012 | ● F026M4FD012 |
| ● F026M2FD018 | ● F026M3FD018 | ● F026M4FD018 |
| ● F026M2FD030 | ● F026M3FD030 | ● F026M4FD030 |
| ● F026M2FD033 | ● F026M3FD033 | ● F026M4FD033 |




@ 3000K

### Optic Elliptical 2 25° x 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ F026M2GA001
- ● F026M2GA006
- ● F026M2GA012
- ● F026M2GA018
- ● F026M2GA030
- ● F026M2GA033

1-10V
- ○ F026M2GB001
- ● F026M2GB006
- ● F026M2GB012
- ● F026M2GB018
- ● F026M2GB030
- ● F026M2GB033

Dali
- ○ F026M2GD001
- ● F026M2GD006
- ● F026M2GD012
- ● F026M2GD018
- ● F026M2GD030
- ● F026M2GD033

**3000K**

Non Dimmable
- ○ F026M3GA001
- ● F026M3GA006
- ● F026M3GA012
- ● F026M3GA018
- ● F026M3GA030
- ● F026M3GA033

1-10V
- ○ F026M3GB001
- ● F026M3GB006
- ● F026M3GB012
- ● F026M3GB018
- ● F026M3GB030
- ● F026M3GB033

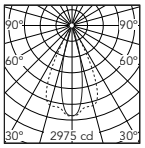
Dali
- ○ F026M3GD001
- ● F026M3GD006
- ● F026M3GD012
- ● F026M3GD018
- ● F026M3GD030
- ● F026M3GD033

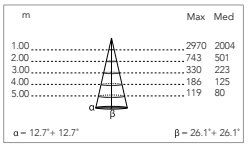
**4000K**

Non Dimmable
- ○ F026M4GA001
- ● F026M4GA006
- ● F026M4GA012
- ● F026M4GA018
- ● F026M4GA030
- ● F026M4GA033

1-10V
- ○ F026M4GB001
- ● F026M4GB006
- ● F026M4GB012
- ● F026M4GB018
- ● F026M4GB030
- ● F026M4GB033

Dali
- ○ F026M4GD001
- ● F026M4GD006
- ● F026M4GD012
- ● F026M4GD018
- ● F026M4GD030
- ● F026M4GD033




@ 3000K

### Optic Wall Washer

**Power Led:** 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ F026M2HA001
- ● F026M2HA006
- ● F026M2HA012
- ● F026M2HA018
- ● F026M2HA030
- ● F026M2HA033

1-10V
- ○ F026M2HB001
- ● F026M2HB006
- ● F026M2HB012
- ● F026M2HB018
- ● F026M2HB030
- ● F026M2HB033

Dali
- ○ F026M2HD001
- ● F026M2HD006
- ● F026M2HD012
- ● F026M2HD018
- ● F026M2HD030
- ● F026M2HD033

**3000K**

Non Dimmable
- ○ F026M3HA001
- ● F026M3HA006
- ● F026M3HA012
- ● F026M3HA018
- ● F026M3HA030
- ● F026M3HA033

1-10V
- ○ F026M3HB001
- ● F026M3HB006
- ● F026M3HB012
- ● F026M3HB018
- ● F026M3HB030
- ● F026M3HB033

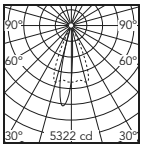
Dali
- ○ F026M3HD001
- ● F026M3HD006
- ● F026M3HD012
- ● F026M3HD018
- ● F026M3HD030
- ● F026M3HD033

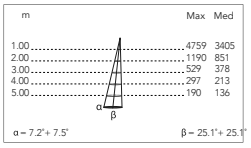
**4000K**

Non Dimmable
- ○ F026M4HA001
- ● F026M4HA006
- ● F026M4HA012
- ● F026M4HA018
- ● F026M4HA030
- ● F026M4HA033

1-10V
- ○ F026M4HB001
- ● F026M4HB006
- ● F026M4HB012
- ● F026M4HB018
- ● F026M4HB030
- ● F026M4HB033

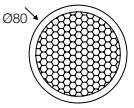
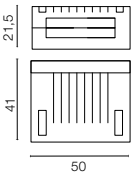
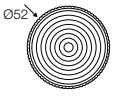
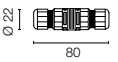
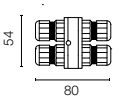
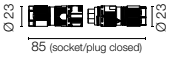
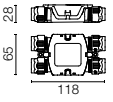
Dali
- ○ F026M4HD001
- ● F026M4HD006
- ● F026M4HD012
- ● F026M4HD018
- ● F026M4HD030
- ● F026M4HD033



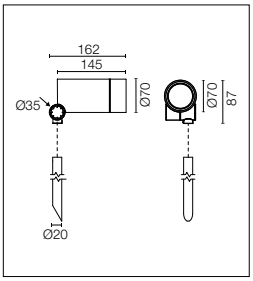



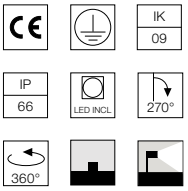

@ 3000K

## Spine F 2 Pro: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Honeycomb | Honeycomb Louvre | F026Z060000 | |  |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | F990C110000 | |  |
| Konverterlinse / Converter lenses:<br>- Converter Spine 2 Optic Medium Flood<br>- Converter Spine 2 Optic Flood<br>- Converter Spine 2 Optic Wide Flood (Available soon)<br>- Converter Spine 2 Optic Elliptic 1<br>- Converter Spine 2 Optic Elliptic 2<br>- Converter Spine 2 Optic Wall Washer | | <br>F029Z020000<br>F029Z021000<br>F029Z022000<br>F029Z023000<br>F029Z024000<br>F029Z025000 | |  |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |  |
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 | |  |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 | |  |

## Spine F 1 Ultra



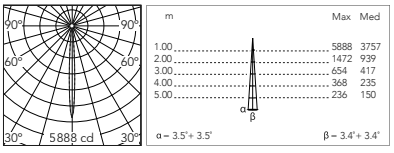

Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für den Fernverbindung; für die Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden.
Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Narrow Spot 7°

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025G2AA001 | ○ F025G3AA001 | ○ F025G4AA001 |
| ● F025G2AA006 | ● F025G3AA006 | ● F025G4AA006 |
| ● F025G2AA012 | ● F025G3AA012 | ● F025G4AA012 |
| ● F025G2AA018 | ● F025G3AA018 | ● F025G4AA018 |
| ● F025G2AA030 | ● F025G3AA030 | ● F025G4AA030 |
| ● F025G2AA033 | ● F025G3AA033 | ● F025G4AA033 |

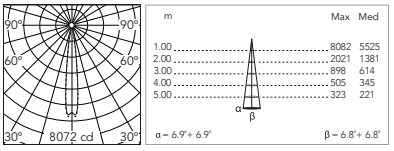



@ 3000K

### Optic Spot 14°

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025G2BA001 | ○ F025G3BA001 | ○ F025G4BA001 |
| ● F025G2BA006 | ● F025G3BA006 | ● F025G4BA006 |
| ● F025G2BA012 | ● F025G3BA012 | ● F025G4BA012 |
| ● F025G2BA018 | ● F025G3BA018 | ● F025G4BA018 |
| ● F025G2BA030 | ● F025G3BA030 | ● F025G4BA030 |
| ● F025G2BA033 | ● F025G3BA033 | ● F025G4BA033 |

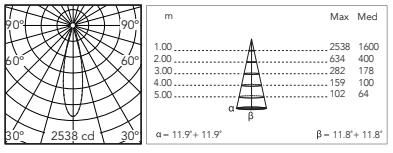



@ 3000K

### Optic Medium Flood 24,5°

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025G2CA001 | ○ F025G3CA001 | ○ F025G4CA001 |
| ● F025G2CA006 | ● F025G3CA006 | ● F025G4CA006 |
| ● F025G2CA012 | ● F025G3CA012 | ● F025G4CA012 |
| ● F025G2CA018 | ● F025G3CA018 | ● F025G4CA018 |
| ● F025G2CA030 | ● F025G3CA030 | ● F025G4CA030 |
| ● F025G2CA033 | ● F025G3CA033 | ● F025G4CA033 |

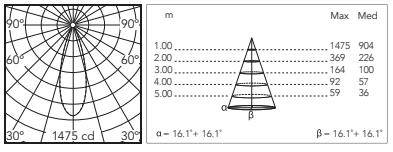



@ 3000K

### Optic Flood 32°

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025G2DA001 | ○ F025G3DA001 | ○ F025G4DA001 |
| ● F025G2DA006 | ● F025G3DA006 | ● F025G4DA006 |
| ● F025G2DA012 | ● F025G3DA012 | ● F025G4DA012 |
| ● F025G2DA018 | ● F025G3DA018 | ● F025G4DA018 |
| ● F025G2DA030 | ● F025G3DA030 | ● F025G4DA030 |
| ● F025G2DA033 | ● F025G3DA033 | ● F025G4DA033 |

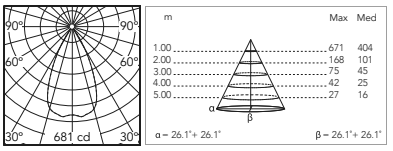



@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 7,9W - 671 lm ≠ FIXT 472 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 507 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025G2EA001 | F025G3EA001 | F025G4EA001 |
| F025G2EA006 | F025G3EA006 | F025G4EA006 |
| F025G2EA012 | F025G3EA012 | F025G4EA012 |
| F025G2EA018 | F025G3EA018 | F025G4EA018 |
| F025G2EA030 | F025G3EA030 | F025G4EA030 |
| F025G2EA033 | F025G3EA033 | F025G4EA033 |

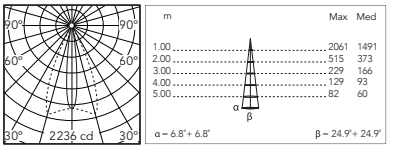



Preliminary photometry @ 3000K

### Optic Elliptical 1 13,5° x 50°

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025G2FA001 | F025G3FA001 | F025G4FA001 |
| F025G2FA006 | F025G3FA006 | F025G4FA006 |
| F025G2FA012 | F025G3FA012 | F025G4FA012 |
| F025G2FA018 | F025G3FA018 | F025G4FA018 |
| F025G2FA030 | F025G3FA030 | F025G4FA030 |
| F025G2FA033 | F025G3FA033 | F025G4FA033 |

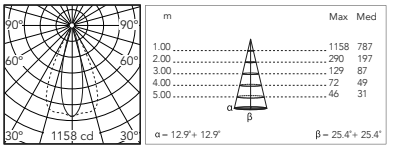



@ 3000K

### Optic Elliptical 2 26° x 51°

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025G2GA001 | F025G3GA001 | F025G4GA001 |
| F025G2GA006 | F025G3GA006 | F025G4GA006 |
| F025G2GA012 | F025G3GA012 | F025G4GA012 |
| F025G2GA018 | F025G3GA018 | F025G4GA018 |
| F025G2GA030 | F025G3GA030 | F025G4GA030 |
| F025G2GA033 | F025G3GA033 | F025G4GA033 |

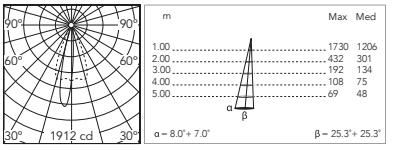



@ 3000K

### Optic Wall Washer

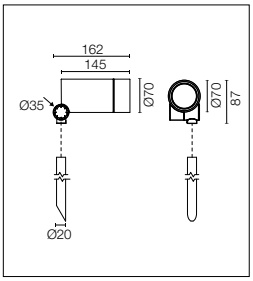
**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

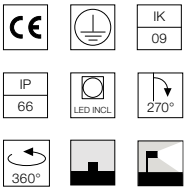
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025G2HA001 | F025G3HA001 | F025G4HA001 |
| F025G2HA006 | F025G3HA006 | F025G4HA006 |
| F025G2HA012 | F025G3HA012 | F025G4HA012 |
| F025G2HA018 | F025G3HA018 | F025G4HA018 |
| F025G2HA030 | F025G3HA030 | F025G4HA030 |
| F025G2HA033 | F025G3HA033 | F025G4HA033 |




@ 3000K

## Spine F 1 Ultra Hp



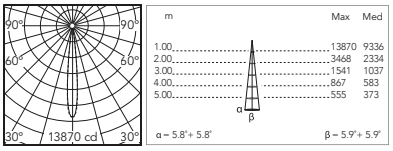

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für den Fernverbindung; für die Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI , mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Spot 12°

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025H2BA001 | ○ F025H3BA001 | ○ F025H4BA001 |
| ● F025H2BA006 | ● F025H3BA006 | ● F025H4BA006 |
| ● F025H2BA012 | ● F025H3BA012 | ● F025H4BA012 |
| ● F025H2BA018 | ● F025H3BA018 | ● F025H4BA018 |
| ● F025H2BA030 | ● F025H3BA030 | ● F025H4BA030 |
| ● F025H2BA033 | ● F025H3BA033 | ● F025H4BA033 |

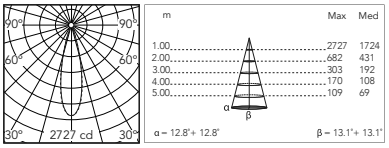



@ 3000K

### Optic Medium Flood 26,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025H2CA001 | ○ F025H3CA001 | ○ F025H4CA001 |
| ● F025H2CA006 | ● F025H3CA006 | ● F025H4CA006 |
| ● F025H2CA012 | ● F025H3CA012 | ● F025H4CA012 |
| ● F025H2CA018 | ● F025H3CA018 | ● F025H4CA018 |
| ● F025H2CA030 | ● F025H3CA030 | ● F025H4CA030 |
| ● F025H2CA033 | ● F025H3CA033 | ● F025H4CA033 |

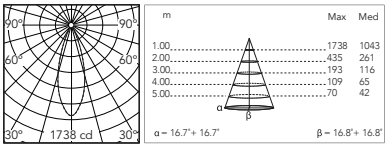



@ 3000K

### Optic Flood 33,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025H2DA001 | ○ F025H3DA001 | ○ F025H4DA001 |
| ● F025H2DA006 | ● F025H3DA006 | ● F025H4DA006 |
| ● F025H2DA012 | ● F025H3DA012 | ● F025H4DA012 |
| ● F025H2DA018 | ● F025H3DA018 | ● F025H4DA018 |
| ● F025H2DA030 | ● F025H3DA030 | ● F025H4DA030 |
| ● F025H2DA033 | ● F025H3DA033 | ● F025H4DA033 |

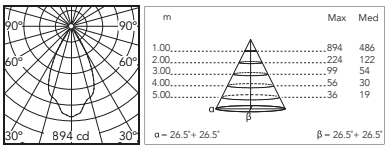



@ 3000K

### Optic Wide Flood 53° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 584 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 642 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025H2EA001 | ○ F025H3EA001 | ○ F025H4EA001 |
| ● F025H2EA006 | ● F025H3EA006 | ● F025H4EA006 |
| ● F025H2EA012 | ● F025H3EA012 | ● F025H4EA012 |
| ● F025H2EA018 | ● F025H3EA018 | ● F025H4EA018 |
| ● F025H2EA030 | ● F025H3EA030 | ● F025H4EA030 |
| ● F025H2EA033 | ● F025H3EA033 | ● F025H4EA033 |



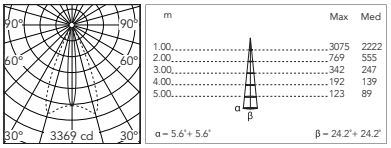

Preliminary photometry

@ 3000K

### Optic Elliptical 1 11,5º x 49º

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025H2FA001 | ○ F025H3FA001 | ○ F025H4FA001 |
| ● F025H2FA006 | ● F025H3FA006 | ● F025H4FA006 |
| ● F025H2FA012 | ● F025H3FA012 | ● F025H4FA012 |
| ● F025H2FA018 | ● F025H3FA018 | ● F025H4FA018 |
| ● F025H2FA030 | ● F025H3FA030 | ● F025H4FA030 |
| ● F025H2FA033 | ● F025H3FA033 | ● F025H4FA033 |

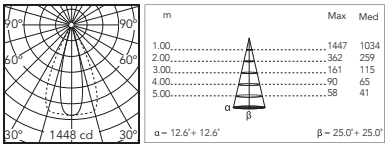



@ 3000K

### Optic Elliptical 2 25,5º x 50º

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025H2GA001 | ○ F025H3GA001 | ○ F025H4GA001 |
| ● F025H2GA006 | ● F025H3GA006 | ● F025H4GA006 |
| ● F025H2GA012 | ● F025H3GA012 | ● F025H4GA012 |
| ● F025H2GA018 | ● F025H3GA018 | ● F025H4GA018 |
| ● F025H2GA030 | ● F025H3GA030 | ● F025H4GA030 |
| ● F025H2GA033 | ● F025H3GA033 | ● F025H4GA033 |

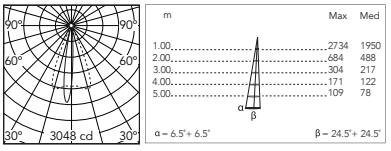



@ 3000K

### Optic Wall Washer

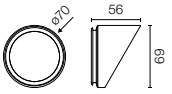
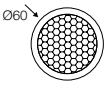
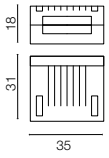
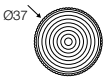
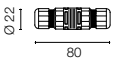
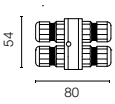
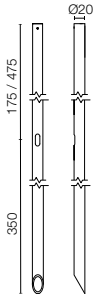
**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025H2HA001 | ○ F025H3HA001 | ○ F025H4HA001 |
| ● F025H2HA006 | ● F025H3HA006 | ● F025H4HA006 |
| ● F025H2HA012 | ● F025H3HA012 | ● F025H4HA012 |
| ● F025H2HA018 | ● F025H3HA018 | ● F025H4HA018 |
| ● F025H2HA030 | ● F025H3HA030 | ● F025H4HA030 |
| ● F025H2HA033 | ● F025H3HA033 | ● F025H4HA033 |

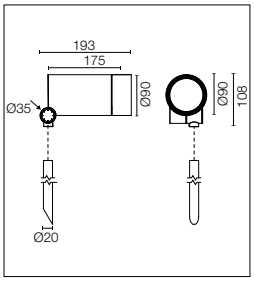


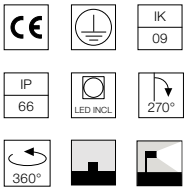

@ 3000K

## Spine F 1 Ultra: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Viewer | Visor | ○ F025Z050001<br>● F025Z050006<br>● F025Z050012<br>● F025Z050018<br>● F025Z050030<br>● F025Z050033 | |  |
| Honeycomb | Honeycomb Louvre | F025Z060000 | |  |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | F990C100000 | |  |
| Konverterlinse / Converter lenses:<br>- Converter Spine 1 Optic Medium Flood<br>- Converter Spine 1 Optic Flood<br>- Converter Spine 1 Optic Wide Flood (Available soon)<br>- Converter Spine 1 Optic Elliptic 1<br>- Converter Spine 1 Optic Elliptic 2<br>- Converter Spine 1 Optic Wall Washer | | F029Z010000<br>F029Z011000<br>F029Z012000<br>F029Z013000<br>F029Z014000<br>F029Z015000 |  |  |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |  |
| Stange, Höhe 200 - 500 mm über dem Boden, zur Bodenmontage. | Pole with an overground length of 200 - 500 mm for ground installation. | 200 mm<br>○ F026Z020001<br>● F026Z020006<br>● F026Z020012<br>● F026Z020018<br>● F026Z020030<br>● F026Z020033<br>500 mm<br>○ F026Z030001<br>● F026Z030006<br>● F026Z030012<br>● F026Z030018<br>● F026Z030030<br>● F026Z030033 | |  |

## Spine F 2 Ultra



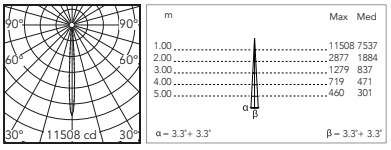

Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar1-10V oder durch DALI. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für den Fernverbindung; für die Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately.

### Optic Narrow Spot 6°

**Power Led:** 4,1W - 248 lm ≠ FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm ≠ FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm ≠ FIXT 247 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026G2AA001 | ○ F026G3AA001 | ○ F026G4AA001 |
| ● F026G2AA006 | ● F026G3AA006 | ● F026G4AA006 |
| ● F026G2AA012 | ● F026G3AA012 | ● F026G4AA012 |
| ● F026G2AA018 | ● F026G3AA018 | ● F026G4AA018 |
| ● F026G2AA030 | ● F026G3AA030 | ● F026G4AA030 |
| ● F026G2AA033 | ● F026G3AA033 | ● F026G4AA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026G2AB001 | ○ F026G3AB001 | ○ F026G4AB001 |
| ● F026G2AB006 | ● F026G3AB006 | ● F026G4AB006 |
| ● F026G2AB012 | ● F026G3AB012 | ● F026G4AB012 |
| ● F026G2AB018 | ● F026G3AB018 | ● F026G4AB018 |
| ● F026G2AB030 | ● F026G3AB030 | ● F026G4AB030 |
| ● F026G2AB033 | ● F026G3AB033 | ● F026G4AB033 |
| Dali | Dali | Dali |
| ○ F026G2AD001 | ○ F026G3AD001 | ○ F026G4AD001 |
| ● F026G2AD006 | ● F026G3AD006 | ● F026G4AD006 |
| ● F026G2AD012 | ● F026G3AD012 | ● F026G4AD012 |
| ● F026G2AD018 | ● F026G3AD018 | ● F026G4AD018 |
| ● F026G2AD030 | ● F026G3AD030 | ● F026G4AD030 |
| ● F026G2AD033 | ● F026G3AD033 | ● F026G4AD033 |

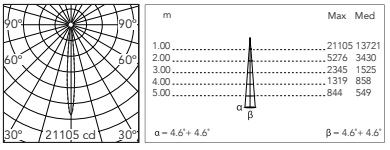



@ 3000K

### Optic Spot 9,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 769 lm - 2700K/CRI 80 - 220-240Vv / 10,5W - 966 lm ≠ FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 846 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026G2BA001 | ○ F026G3BA001 | ○ F026G4BA001 |
| ● F026G2BA006 | ● F026G3BA006 | ● F026G4BA006 |
| ● F026G2BA012 | ● F026G3BA012 | ● F026G4BA012 |
| ● F026G2BA018 | ● F026G3BA018 | ● F026G4BA018 |
| ● F026G2BA030 | ● F026G3BA030 | ● F026G4BA030 |
| ● F026G2BA033 | ● F026G3BA033 | ● F026G4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026G2BB001 | ○ F026G3BB001 | ○ F026G4BB001 |
| ● F026G2BB006 | ● F026G3BB006 | ● F026G4BB006 |
| ● F026G2BB012 | ● F026G3BB012 | ● F026G4BB012 |
| ● F026G2BB018 | ● F026G3BB018 | ● F026G4BB018 |
| ● F026G2BB030 | ● F026G3BB030 | ● F026G4BB030 |
| ● F026G2BB033 | ● F026G3BB033 | ● F026G4BB033 |
| Dali | Dali | Dali |
| ○ F026G2BD001 | ○ F026G3BD001 | ○ F026G4BD001 |
| ● F026G2BD006 | ● F026G3BD006 | ● F026G4BD006 |
| ● F026G2BD012 | ● F026G3BD012 | ● F026G4BD012 |
| ● F026G2BD018 | ● F026G3BD018 | ● F026G4BD018 |
| ● F026G2BD030 | ● F026G3BD030 | ● F026G4BD030 |
| ● F026G2BD033 | ● F026G3BD033 | ● F026G4BD033 |

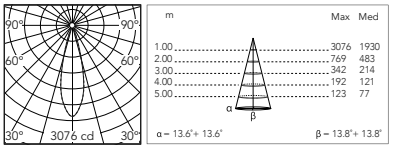



@ 3000K

### Optic Medium Flood 28°

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026G2CA001 | ○ F026G3CA001 | ○ F026G4CA001 |
| ● F026G2CA006 | ● F026G3CA006 | ● F026G4CA006 |
| ● F026G2CA012 | ● F026G3CA012 | ● F026G4CA012 |
| ● F026G2CA018 | ● F026G3CA018 | ● F026G4CA018 |
| ● F026G2CA030 | ● F026G3CA030 | ● F026G4CA030 |
| ● F026G2CA033 | ● F026G3CA033 | ● F026G4CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026G2CB001 | ○ F026G3CB001 | ○ F026G4CB001 |
| ● F026G2CB006 | ● F026G3CB006 | ● F026G4CB006 |
| ● F026G2CB012 | ● F026G3CB012 | ● F026G4CB012 |
| ● F026G2CB018 | ● F026G3CB018 | ● F026G4CB018 |
| ● F026G2CB030 | ● F026G3CB030 | ● F026G4CB030 |
| ● F026G2CB033 | ● F026G3CB033 | ● F026G4CB033 |
| Dali | Dali | Dali |
| ○ F026G2CD001 | ○ F026G3CD001 | ○ F026G4CD001 |
| ● F026G2CD006 | ● F026G3CD006 | ● F026G4CD006 |
| ● F026G2CD012 | ● F026G3CD012 | ● F026G4CD012 |
| ● F026G2CD018 | ● F026G3CD018 | ● F026G4CD018 |
| ● F026G2CD030 | ● F026G3CD030 | ● F026G4CD030 |
| ● F026G2CD033 | ● F026G3CD033 | ● F026G4CD033 |

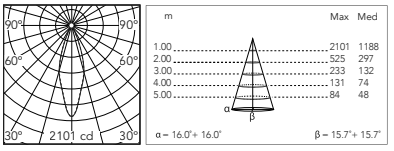



@ 3000K

### Optic Flood 33°

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026G2DA001 | ○ F026G3DA001 | ○ F026G4DA001 |
| ● F026G2DA006 | ● F026G3DA006 | ● F026G4DA006 |
| ● F026G2DA012 | ● F026G3DA012 | ● F026G4DA012 |
| ● F026G2DA018 | ● F026G3DA018 | ● F026G4DA018 |
| ● F026G2DA030 | ● F026G3DA030 | ● F026G4DA030 |
| ● F026G2DA033 | ● F026G3DA033 | ● F026G4DA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026G2DB001 | ○ F026G3DB001 | ○ F026G4DB001 |
| ● F026G2DB006 | ● F026G3DB006 | ● F026G4DB006 |
| ● F026G2DB012 | ● F026G3DB012 | ● F026G4DB012 |
| ● F026G2DB018 | ● F026G3DB018 | ● F026G4DB018 |
| ● F026G2DB030 | ● F026G3DB030 | ● F026G4DB030 |
| ● F026G2DB033 | ● F026G3DB033 | ● F026G4DB033 |
| Dali | Dali | Dali |
| ○ F026G2DD001 | ○ F026G3DD001 | ○ F026G4DD001 |
| ● F026G2DD006 | ● F026G3DD006 | ● F026G4DD006 |
| ● F026G2DD012 | ● F026G3DD012 | ● F026G4DD012 |
| ● F026G2DD018 | ● F026G3DD018 | ● F026G4DD018 |
| ● F026G2DD030 | ● F026G3DD030 | ● F026G4DD030 |
| ● F026G2DD033 | ● F026G3DD033 | ● F026G4DD033 |

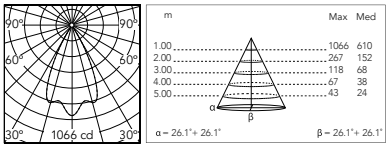



@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 677 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 711 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 745 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026G2EA001 | ○ F026G3EA001 | ○ F026G4EA001 |
| ● F026G2EA006 | ● F026G3EA006 | ● F026G4EA006 |
| ● F026G2EA012 | ● F026G3EA012 | ● F026G4EA012 |
| ● F026G2EA018 | ● F026G3EA018 | ● F026G4EA018 |
| ● F026G2EA030 | ● F026G3EA030 | ● F026G4EA030 |
| ● F026G2EA033 | ● F026G3EA033 | ● F026G4EA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026G2EB001 | ○ F026G3EB001 | ○ F026G4EB001 |
| ● F026G2EB006 | ● F026G3EB006 | ● F026G4EB006 |
| ● F026G2EB012 | ● F026G3EB012 | ● F026G4EB012 |
| ● F026G2EB018 | ● F026G3EB018 | ● F026G4EB018 |
| ● F026G2EB030 | ● F026G3EB030 | ● F026G4EB030 |
| ● F026G2EB033 | ● F026G3EB033 | ● F026G4EB033 |
| Dali | Dali | Dali |
| ○ F026G2ED001 | ○ F026G3ED001 | ○ F026G4ED001 |
| ● F026G2ED006 | ● F026G3ED006 | ● F026G4ED006 |
| ● F026G2ED012 | ● F026G3ED012 | ● F026G4ED012 |
| ● F026G2ED018 | ● F026G3ED018 | ● F026G4ED018 |
| ● F026G2ED030 | ● F026G3ED030 | ● F026G4ED030 |
| ● F026G2ED033 | ● F026G3ED033 | ● F026G4ED033 |




Preliminary photometry

@ 3000K

### Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026G2FA001
- F026G2FA006
- F026G2FA012
- F026G2FA018
- F026G2FA030
- F026G2FA033

1-10V

- F026G2FB001
- F026G2FB006
- F026G2FB012
- F026G2FB018
- F026G2FB030
- F026G2FB033

Dali

- F026G2FD001
- F026G2FD006
- F026G2FD012
- F026G2FD018
- F026G2FD030
- F026G2FD033

**3000K**

Non Dimmable

- F026G3FA001
- F026G3FA006
- F026G3FA012
- F026G3FA018
- F026G3FA030
- F026G3FA033

1-10V

- F026G3FB001
- F026G3FB006
- F026G3FB012
- F026G3FB018
- F026G3FB030
- F026G3FB033

Dali

- F026G3FD001
- F026G3FD006
- F026G3FD012
- F026G3FD018
- F026G3FD030
- F026G3FD033

**4000K**

Non Dimmable

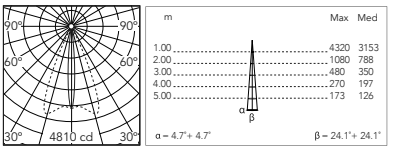
- F026G4FA001
- F026G4FA006
- F026G4FA012
- F026G4FA018
- F026G4FA030
- F026G4FA033

1-10V

- F026G4FB001
- F026G4FB006
- F026G4FB012
- F026G4FB018
- F026G4FB030
- F026G4FB033

Dali

- F026G4FD001
- F026G4FD006
- F026G4FD012
- F026G4FD018
- F026G4FD030
- F026G4FD033




@ 3000K

### Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026G2GA001
- F026G2GA006
- F026G2GA012
- F026G2GA018
- F026G2GA030
- F026G2GA033

1-10V

- F026G2GB001
- F026G2GB006
- F026G2GB012
- F026G2GB018
- F026G2GB030
- F026G2GB033

Dali

- F026G2GD001
- F026G2GD006
- F026G2GD012
- F026G2GD018
- F026G2GD030
- F026G2GD033

**3000K**

Non Dimmable

- F026G3GA001
- F026G3GA006
- F026G3GA012
- F026G3GA018
- F026G3GA030
- F026G3GA033

1-10V

- F026G3GB001
- F026G3GB006
- F026G3GB012
- F026G3GB018
- F026G3GB030
- F026G3GB033

Dali

- F026G3GD001
- F026G3GD006
- F026G3GD012
- F026G3GD018
- F026G3GD030
- F026G3GD033

**4000K**

Non Dimmable

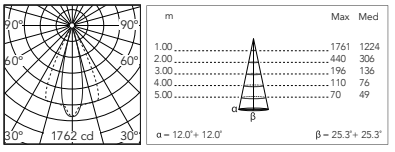
- F026G4GA001
- F026G4GA006
- F026G4GA012
- F026G4GA018
- F026G4GA030
- F026G4GA033

1-10V

- F026G4GB001
- F026G4GB006
- F026G4GB012
- F026G4GB018
- F026G4GB030
- F026G4GB033

Dali

- F026G4GD001
- F026G4GD006
- F026G4GD012
- F026G4GD018
- F026G4GD030
- F026G4GD033




@ 3000K

### Optic Wall Washer

**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026G2HA001
- F026G2HA006
- F026G2HA012
- F026G2HA018
- F026G2HA030
- F026G2HA033

1-10V

- F026G2HB001
- F026G2HB006
- F026G2HB012
- F026G2HB018
- F026G2HB030
- F026G2HB033

Dali

- F026G2HD001
- F026G2HD006
- F026G2HD012
- F026G2HD018
- F026G2HD030
- F026G2HD033

**3000K**

Non Dimmable

- F026G3HA001
- F026G3HA006
- F026G3HA012
- F026G3HA018
- F026G3HA030
- F026G3HA033

1-10V

- F026G3HB001
- F026G3HB006
- F026G3HB012
- F026G3HB018
- F026G3HB030
- F026G3HB033

Dali

- F026G3HD001
- F026G3HD006
- F026G3HD012
- F026G3HD018
- F026G3HD030
- F026G3HD033

**4000K**

Non Dimmable

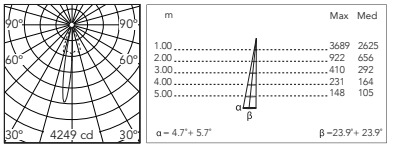
- F026G4HA001
- F026G4HA006
- F026G4HA012
- F026G4HA018
- F026G4HA030
- F026G4HA033

1-10V

- F026G4HB001
- F026G4HB006
- F026G4HB012
- F026G4HB018
- F026G4HB030
- F026G4HB033

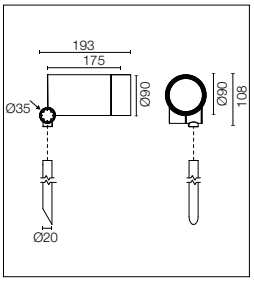
Dali

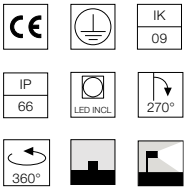
- F026G4HD001
- F026G4HD006
- F026G4HD012
- F026G4HD018
- F026G4HD030
- F026G4HD033




@ 3000K

## Spine F 2 Ultra Hp



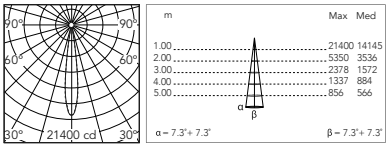

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für den Fernverbindung; für die Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Das Element für die Bodenmontage ist in zwei Größen erhältlich und muss separat bestellt werden.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. The rod for ground installations is available in two sizes and needs to be ordered separately.

### Optic Spot 14,5°

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026H2BA001 | ○ F026H3BA001 | ○ F026H4BA001 |
| ● F026H2BA006 | ● F026H3BA006 | ● F026H4BA006 |
| ● F026H2BA012 | ● F026H3BA012 | ● F026H4BA012 |
| ● F026H2BA018 | ● F026H3BA018 | ● F026H4BA018 |
| ● F026H2BA030 | ● F026H3BA030 | ● F026H4BA030 |
| ● F026H2BA033 | ● F026H3BA033 | ● F026H4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026H2BB001 | ○ F026H3BB001 | ○ F026H4BB001 |
| ● F026H2BB006 | ● F026H3BB006 | ● F026H4BB006 |
| ● F026H2BB012 | ● F026H3BB012 | ● F026H4BB012 |
| ● F026H2BB018 | ● F026H3BB018 | ● F026H4BB018 |
| ● F026H2BB030 | ● F026H3BB030 | ● F026H4BB030 |
| ● F026H2BB033 | ● F026H3BB033 | ● F026H4BB033 |
| Dali | Dali | Dali |
| ○ F026H2BD001 | ○ F026H3BD001 | ○ F026H4BD001 |
| ● F026H2BD006 | ● F026H3BD006 | ● F026H4BD006 |
| ● F026H2BD012 | ● F026H3BD012 | ● F026H4BD012 |
| ● F026H2BD018 | ● F026H3BD018 | ● F026H4BD018 |
| ● F026H2BD030 | ● F026H3BD030 | ● F026H4BD030 |
| ● F026H2BD033 | ● F026H3BD033 | ● F026H4BD033 |

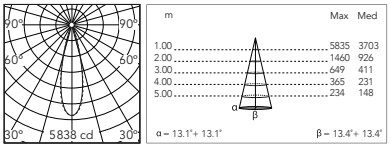



@ 3000K

### Optic Medium Flood 26°

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026H2CA001 | ○ F026H3CA001 | ○ F026H4CA001 |
| ● F026H2CA006 | ● F026H3CA006 | ● F026H4CA006 |
| ● F026H2CA012 | ● F026H3CA012 | ● F026H4CA012 |
| ● F026H2CA018 | ● F026H3CA018 | ● F026H4CA018 |
| ● F026H2CA030 | ● F026H3CA030 | ● F026H4CA030 |
| ● F026H2CA033 | ● F026H3CA033 | ● F026H4CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026H2CB001 | ○ F026H3CB001 | ○ F026H4CB001 |
| ● F026H2CB006 | ● F026H3CB006 | ● F026H4CB006 |
| ● F026H2CB012 | ● F026H3CB012 | ● F026H4CB012 |
| ● F026H2CB018 | ● F026H3CB018 | ● F026H4CB018 |
| ● F026H2CB030 | ● F026H3CB030 | ● F026H4CB030 |
| ● F026H2CB033 | ● F026H3CB033 | ● F026H4CB033 |
| Dali | Dali | Dali |
| ○ F026H2CD001 | ○ F026H3CD001 | ○ F026H4CD001 |
| ● F026H2CD006 | ● F026H3CD006 | ● F026H4CD006 |
| ● F026H2CD012 | ● F026H3CD012 | ● F026H4CD012 |
| ● F026H2CD018 | ● F026H3CD018 | ● F026H4CD018 |
| ● F026H2CD030 | ● F026H3CD030 | ● F026H4CD030 |
| ● F026H2CD033 | ● F026H3CD033 | ● F026H4CD033 |

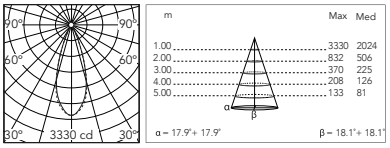



@ 3000K

### Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026H2DA001 | ○ F026H3DA001 | ○ F026H4DA001 |
| ● F026H2DA006 | ● F026H3DA006 | ● F026H4DA006 |
| ● F026H2DA012 | ● F026H3DA012 | ● F026H4DA012 |
| ● F026H2DA018 | ● F026H3DA018 | ● F026H4DA018 |
| ● F026H2DA030 | ● F026H3DA030 | ● F026H4DA030 |
| ● F026H2DA033 | ● F026H3DA033 | ● F026H4DA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026H2DB001 | ○ F026H3DB001 | ○ F026H4DB001 |
| ● F026H2DB006 | ● F026H3DB006 | ● F026H4DB006 |
| ● F026H2DB012 | ● F026H3DB012 | ● F026H4DB012 |
| ● F026H2DB018 | ● F026H3DB018 | ● F026H4DB018 |
| ● F026H2DB030 | ● F026H3DB030 | ● F026H4DB030 |
| ● F026H2DB033 | ● F026H3DB033 | ● F026H4DB033 |
| Dali | Dali | Dali |
| ○ F026H2DD001 | ○ F026H3DD001 | ○ F026H4DD001 |
| ● F026H2DD006 | ● F026H3DD006 | ● F026H4DD006 |
| ● F026H2DD012 | ● F026H3DD012 | ● F026H4DD012 |
| ● F026H2DD018 | ● F026H3DD018 | ● F026H4DD018 |
| ● F026H2DD030 | ● F026H3DD030 | ● F026H4DD030 |
| ● F026H2DD033 | ● F026H3DD033 | ● F026H4DD033 |

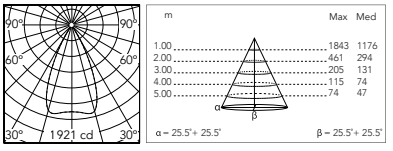



@ 3000K

### Optic Wide Flood 51° - Available Soon

**Power Led:** 17W - 1739 lm ≠ FIXT 1272 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1319 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1366 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026H2EA001 | ○ F026H3EA001 | ○ F026H4EA001 |
| ● F026H2EA006 | ● F026H3EA006 | ● F026H4EA006 |
| ● F026H2EA012 | ● F026H3EA012 | ● F026H4EA012 |
| ● F026H2EA018 | ● F026H3EA018 | ● F026H4EA018 |
| ● F026H2EA030 | ● F026H3EA030 | ● F026H4EA030 |
| ● F026H2EA033 | ● F026H3EA033 | ● F026H4EA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026H2EB001 | ○ F026H3EB001 | ○ F026H4EB001 |
| ● F026H2EB006 | ● F026H3EB006 | ● F026H4EB006 |
| ● F026H2EB012 | ● F026H3EB012 | ● F026H4EB012 |
| ● F026H2EB018 | ● F026H3EB018 | ● F026H4EB018 |
| ● F026H2EB030 | ● F026H3EB030 | ● F026H4EB030 |
| ● F026H2EB033 | ● F026H3EB033 | ● F026H4EB033 |
| Dali | Dali | Dali |
| ○ F026H2ED001 | ○ F026H3ED001 | ○ F026H4ED001 |
| ● F026H2ED006 | ● F026H3ED006 | ● F026H4ED006 |
| ● F026H2ED012 | ● F026H3ED012 | ● F026H4ED012 |
| ● F026H2ED018 | ● F026H3ED018 | ● F026H4ED018 |
| ● F026H2ED030 | ● F026H3ED030 | ● F026H4ED030 |
| ● F026H2ED033 | ● F026H3ED033 | ● F026H4ED033 |



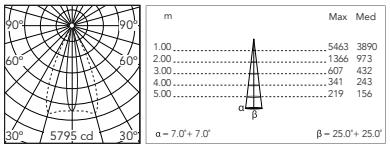

Preliminary photometry

@ 3000K

### Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026H2FA001 | ○ F026H3FA001 | ○ F026H4FA001 |
| ● F026H2FA006 | ● F026H3FA006 | ● F026H4FA006 |
| ● F026H2FA012 | ● F026H3FA012 | ● F026H4FA012 |
| ● F026H2FA018 | ● F026H3FA018 | ● F026H4FA018 |
| ● F026H2FA030 | ● F026H3FA030 | ● F026H4FA030 |
| ● F026H2FA033 | ● F026H3FA033 | ● F026H4FA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026H2FB001 | ○ F026H3FB001 | ○ F026H4FB001 |
| ● F026H2FB006 | ● F026H3FB006 | ● F026H4FB006 |
| ● F026H2FB012 | ● F026H3FB012 | ● F026H4FB012 |
| ● F026H2FB018 | ● F026H3FB018 | ● F026H4FB018 |
| ● F026H2FB030 | ● F026H3FB030 | ● F026H4FB030 |
| ● F026H2FB033 | ● F026H3FB033 | ● F026H4FB033 |
| Dali | Dali | Dali |
| ○ F026H2FD001 | ○ F026H3FD001 | ○ F026H4FD001 |
| ● F026H2FD006 | ● F026H3FD006 | ● F026H4FD006 |
| ● F026H2FD012 | ● F026H3FD012 | ● F026H4FD012 |
| ● F026H2FD018 | ● F026H3FD018 | ● F026H4FD018 |
| ● F026H2FD030 | ● F026H3FD030 | ● F026H4FD030 |
| ● F026H2FD033 | ● F026H3FD033 | ● F026H4FD033 |




@ 3000K

### Optic Elliptical 2 25° x 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- ○ F026H2GA001
- F026H2GA006
- F026H2GA012
- F026H2GA018
- F026H2GA030
- F026H2GA033

1-10V

- ○ F026H2GB001
- F026H2GB006
- F026H2GB012
- F026H2GB018
- F026H2GB030
- F026H2GB033

Dali

- ○ F026H2GD001
- F026H2GD006
- F026H2GD012
- F026H2GD018
- F026H2GD030
- F026H2GD033

**3000K**

Non Dimmable

- ○ F026H3GA001
- F026H3GA006
- F026H3GA012
- F026H3GA018
- F026H3GA030
- F026H3GA033

1-10V

- ○ F026H3GB001
- F026H3GB006
- F026H3GB012
- F026H3GB018
- F026H3GB030
- F026H3GB033

Dali

- ○ F026H3GD001
- F026H3GD006
- F026H3GD012
- F026H3GD018
- F026H3GD030
- F026H3GD033

**4000K**

Non Dimmable

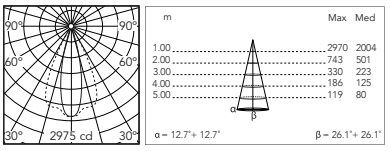
- ○ F026H4GA001
- F026H4GA006
- F026H4GA012
- F026H4GA018
- F026H4GA030
- F026H4GA033

1-10V

- ○ F026H4GB001
- F026H4GB006
- F026H4GB012
- F026H4GB018
- F026H4GB030
- F026H4GB033

Dali

- ○ F026H4GD001
- F026H4GD006
- F026H4GD012
- F026H4GD018
- F026H4GD030
- F026H4GD033




@ 3000K

### Optic Wall Washer

**Power Led:** 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- ○ F026H2HA001
- F026H2HA006
- F026H2HA012
- F026H2HA018
- F026H2HA030
- F026H2HA033

1-10V

- ○ F026H2HB001
- F026H2HB006
- F026H2HB012
- F026H2HB018
- F026H2HB030
- F026H2HB033

Dali

- ○ F026H2HD001
- F026H2HD006
- F026H2HD012
- F026H2HD018
- F026H2HD030
- F026H2HD033

**3000K**

Non Dimmable

- ○ F026H3HA001
- F026H3HA006
- F026H3HA012
- F026H3HA018
- F026H3HA030
- F026H3HA033

1-10V

- ○ F026H3HB001
- F026H3HB006
- F026H3HB012
- F026H3HB018
- F026H3HB030
- F026H3HB033

Dali

- ○ F026H3HD001
- F026H3HD006
- F026H3HD012
- F026H3HD018
- F026H3HD030
- F026H3HD033

**4000K**

Non Dimmable

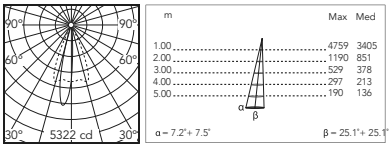
- ○ F026H4HA001
- F026H4HA006
- F026H4HA012
- F026H4HA018
- F026H4HA030
- F026H4HA033

1-10V

- ○ F026H4HB001
- F026H4HB006
- F026H4HB012
- F026H4HB018
- F026H4HB030
- F026H4HB033

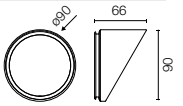
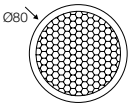
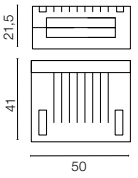
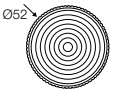
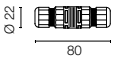
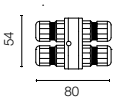
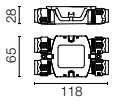
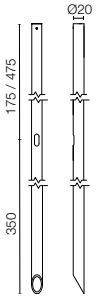
Dali

- ○ F026H4HD001
- F026H4HD006
- F026H4HD012
- F026H4HD018
- F026H4HD030
- F026H4HD033

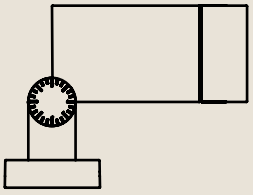



@ 3000K

## Spine F 2 Ultra: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Viewer | Visor | ○ F026Z050001<br>● F026Z050006<br>● F026Z050012<br>● F026Z050018<br>● F026Z050030<br>● F026Z050033 | |  |
| Honeycomb | Honeycomb Louvre | F026Z060000 | |  |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | F990C110000 | |  |
| Konverterlinse / Converter lenses:<br>- Converter Spine 2 Optic Medium Flood<br>- Converter Spine 2 Optic Flood<br>- Converter Spine 2 Optic Wide Flood (Available soon)<br>- Converter Spine 2 Optic Elliptic 1<br>- Converter Spine 2 Optic Elliptic 2<br>- Converter Spine 2 Optic Wall Washer | | <br>F029Z020000<br>F029Z021000<br>F029Z022000<br>F029Z023000<br>F029Z024000<br>F029Z025000 | |  |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |  |
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 | | |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 | |  |
| Stange, Höhe 200 - 500 mm über dem Boden, zur Bodenmontage. | Pole with an overground length of 200 - 500 mm for ground installation. | 200 mm<br>○ F026Z020001<br>● F026Z020006<br>● F026Z020012<br>● F026Z020018<br>● F026Z020030<br>● F026Z020033<br>500 mm<br>○ F026Z030001<br>● F026Z030006<br>● F026Z030012<br>● F026Z030018<br>● F026Z030030<br>● F026Z030033 | |  |

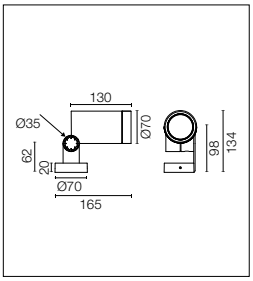
# Spine L

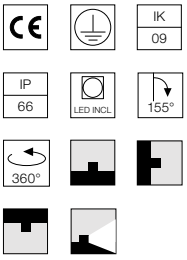


Die L-Bügel-Option ermöglicht bei minimaler Größe einen einfacheren Anschluss dank der Möglichkeit einer seitlichen Kabeleinführung, um allen Installationsanforderungen gerecht zu werden.

The L bracket option allows for an easier connection thanks to the possibility of a side cable entry as well as minimal size to meet any exigencies.

## Spine L 1 Absolute



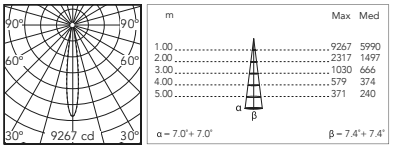

Integrierte COB-LED-Lichtquelle. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.
Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

LED COB light source integrated. Integrated electric power supply 220-240V ON/OFF. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

**Optic Spot 15°**

**CoB Led:** 11W - 1247 lm ≠ FIXT 923 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 982 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 1011 lm - 4000K/CRI 80 - 220-240V

| **2700K** Non Dimmable | **3000K** Non Dimmable | **4000K** Non Dimmable |
|---|---|---|
| ○ F025Q2BA001 | ○ F025Q3BA001 | ○ F025Q4BA001 |
| ● F025Q2BA006 | ● F025Q3BA006 | ● F025Q4BA006 |
| ● F025Q2BA012 | ● F025Q3BA012 | ● F025Q4BA012 |
| ● F025Q2BA018 | ● F025Q3BA018 | ● F025Q4BA018 |
| ● F025Q2BA030 | ● F025Q3BA030 | ● F025Q4BA030 |
| ● F025Q2BA033 | ● F025Q3BA033 | ● F025Q4BA033 |

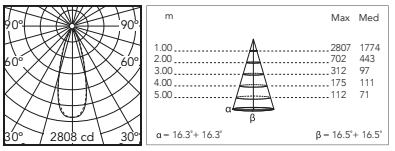



@ 3000K

**Optic Medium Flood 33°**

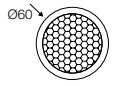
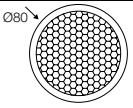
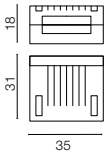
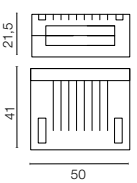
**CoB Led:** 11W - 1247 lm ≠ FIXT 906 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 964 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 993 lm - 4000K/CRI 80 - 220-240V

| **2700K** Non Dimmable | **3000K** Non Dimmable | **4000K** Non Dimmable |
|---|---|---|
| ○ F025Q2CA001 | ○ F025Q3CA001 | ○ F025Q4CA001 |
| ● F025Q2CA006 | ● F025Q3CA006 | ● F025Q4CA006 |
| ● F025Q2CA012 | ● F025Q3CA012 | ● F025Q4CA012 |
| ● F025Q2CA018 | ● F025Q3CA018 | ● F025Q4CA018 |
| ● F025Q2CA030 | ● F025Q3CA030 | ● F025Q4CA030 |
| ● F025Q2CA033 | ● F025Q3CA033 | ● F025Q4CA033 |

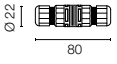
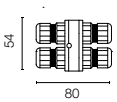



@ 3000K

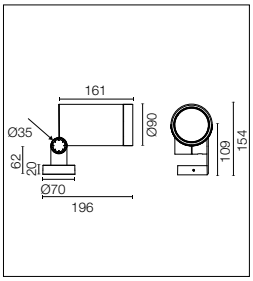
## Spine L 1 / L 2 Absolute: Zubehörteile / Accessories

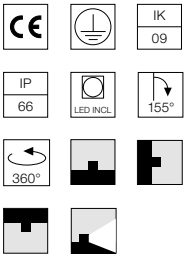
| | | | | |
|---|---|---|---|---|
| Honeycomb | Honeycomb Louvre | Spine L 1<br>F025Z060000 | |  |
| Honeycomb | Honeycomb Louvre | Spine L 2<br>F026Z060000 | |  |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | Spine L 1<br>F990C100000 | |  |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | Spine L 2<br>F990C110000 | |  |

## Spine L 1 / L 2 Absolute:: Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

| | | | | |
|---|---|---|---|---|
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |  |

## Spine L 2 Absolute



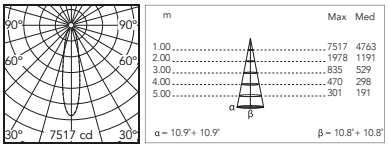

Integrierte COB-LED-Lichtquelle. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar, 1-10V oder durch DALI. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

LED COB light source integrated. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

### Optic Spot 22°

**CoB Led:** 19,5W - 2197 lm ≠ FIXT 1939 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2085 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2120 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026Q2BA001 | ○ F026Q3BA001 | ○ F026Q4BA001 |
| ● F026Q2BA006 | ● F026Q3BA006 | ● F026Q4BA006 |
| ● F026Q2BA012 | ● F026Q3BA012 | ● F026Q4BA012 |
| ● F026Q2BA018 | ● F026Q3BA018 | ● F026Q4BA018 |
| ● F026Q2BA030 | ● F026Q3BA030 | ● F026Q4BA030 |
| ● F026Q2BA033 | ● F026Q3BA033 | ● F026Q4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026Q2BB001 | ○ F026Q3BB001 | ○ F026Q4BB001 |
| ● F026Q2BB006 | ● F026Q3BB006 | ● F026Q4BB006 |
| ● F026Q2BB012 | ● F026Q3BB012 | ● F026Q4BB012 |
| ● F026Q2BB018 | ● F026Q3BB018 | ● F026Q4BB018 |
| ● F026Q2BB030 | ● F026Q3BB030 | ● F026Q4BB030 |
| ● F026Q2BB033 | ● F026Q3BB033 | ● F026Q4BB033 |
| Dali | Dali | Dali |
| ○ F026Q2BD001 | ○ F026Q3BD001 | ○ F026Q4BD001 |
| ● F026Q2BD006 | ● F026Q3BD006 | ● F026Q4BD006 |
| ● F026Q2BD012 | ● F026Q3BD012 | ● F026Q4BD012 |
| ● F026Q2BD018 | ● F026Q3BD018 | ● F026Q4BD018 |
| ● F026Q2BD030 | ● F026Q3BD030 | ● F026Q4BD030 |
| ● F026Q2BD033 | ● F026Q3BD033 | ● F026Q4BD033 |

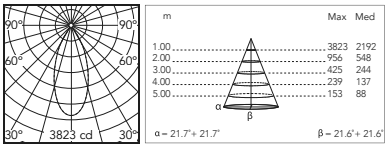



@ 3000K

### Optic Medium Flood 43°

**CoB Led:** 19,5W - 2197 lm ≠ FIXT 2026 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2178 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2298 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026Q2CA001 | ○ F026Q3CA001 | ○ F026Q4CA001 |
| ● F026Q2CA006 | ● F026Q3CA006 | ● F026Q4CA006 |
| ● F026Q2CA012 | ● F026Q3CA012 | ● F026Q4CA012 |
| ● F026Q2CA018 | ● F026Q3CA018 | ● F026Q4CA018 |
| ● F026Q2CA030 | ● F026Q3CA030 | ● F026Q4CA030 |
| ● F026Q2CA033 | ● F026Q3CA033 | ● F026Q4CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026Q2CB001 | ○ F026Q3CB001 | ○ F026Q4CB001 |
| ● F026Q2CB006 | ● F026Q3CB006 | ● F026Q4CB006 |
| ● F026Q2CB012 | ● F026Q3CB012 | ● F026Q4CB012 |
| ● F026Q2CB018 | ● F026Q3CB018 | ● F026Q4CB018 |
| ● F026Q2CB030 | ● F026Q3CB030 | ● F026Q4CB030 |
| ● F026Q2CB033 | ● F026Q3CB033 | ● F026Q4CB033 |
| Dali | Dali | Dali |
| ○ F026Q2CD001 | ○ F026Q3CD001 | ○ F026Q4CD001 |
| ● F026Q2CD006 | ● F026Q3CD006 | ● F026Q4CD006 |
| ● F026Q2CD012 | ● F026Q3CD012 | ● F026Q4CD012 |
| ● F026Q2CD018 | ● F026Q3CD018 | ● F026Q4CD018 |
| ● F026Q2CD030 | ● F026Q3CD030 | ● F026Q4CD030 |
| ● F026Q2CD033 | ● F026Q3CD033 | ● F026Q4CD033 |

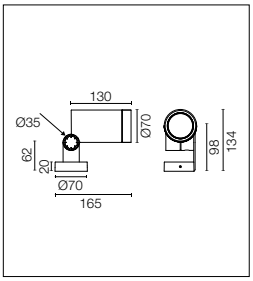


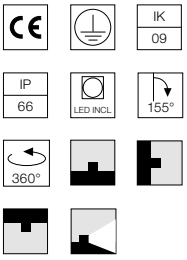

@ 3000K

## Spine L 2 Absolute: Zubehör für dimmbare Versionen / Accessories for dimmable versions

| | | | |
|---|---|---|---|
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 | |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 | |

## Spine L 1 Pro



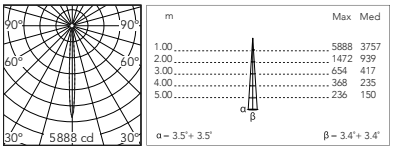

Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.
Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Narrow Spot 7°

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025V2AA001 | ○ F025V3AA001 | ○ F025V4AA001 |
| ● F025V2AA006 | ● F025V3AA006 | ● F025V4AA006 |
| ● F025V2AA012 | ● F025V3AA012 | ● F025V4AA012 |
| ● F025V2AA018 | ● F025V3AA018 | ● F025V4AA018 |
| ● F025V2AA030 | ● F025V3AA030 | ● F025V4AA030 |
| ● F025V2AA033 | ● F025V3AA033 | ● F025V4AA033 |

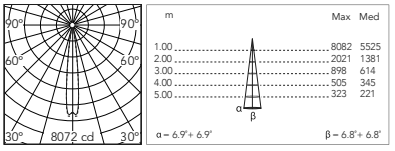



@ 3000K

### Optic Spot 14°

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025V2BA001 | ○ F025V3BA001 | ○ F025V4BA001 |
| ● F025V2BA006 | ● F025V3BA006 | ● F025V4BA006 |
| ● F025V2BA012 | ● F025V3BA012 | ● F025V4BA012 |
| ● F025V2BA018 | ● F025V3BA018 | ● F025V4BA018 |
| ● F025V2BA030 | ● F025V3BA030 | ● F025V4BA030 |
| ● F025V2BA033 | ● F025V3BA033 | ● F025V4BA033 |

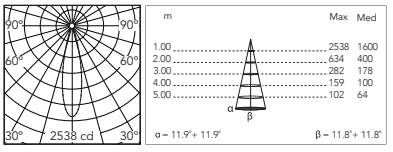



@ 3000K

### Optic Medium Flood 24,5°

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025V2CA001 | ○ F025V3CA001 | ○ F025V4CA001 |
| ● F025V2CA006 | ● F025V3CA006 | ● F025V4CA006 |
| ● F025V2CA012 | ● F025V3CA012 | ● F025V4CA012 |
| ● F025V2CA018 | ● F025V3CA018 | ● F025V4CA018 |
| ● F025V2CA030 | ● F025V3CA030 | ● F025V4CA030 |
| ● F025V2CA033 | ● F025V3CA033 | ● F025V4CA033 |

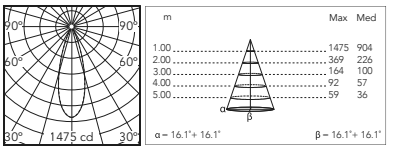



@ 3000K

### Optic Flood 32°

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025V2DA001 | ○ F025V3DA001 | ○ F025V4DA001 |
| ● F025V2DA006 | ● F025V3DA006 | ● F025V4DA006 |
| ● F025V2DA012 | ● F025V3DA012 | ● F025V4DA012 |
| ● F025V2DA018 | ● F025V3DA018 | ● F025V4DA018 |
| ● F025V2DA030 | ● F025V3DA030 | ● F025V4DA030 |
| ● F025V2DA033 | ● F025V3DA033 | ● F025V4DA033 |

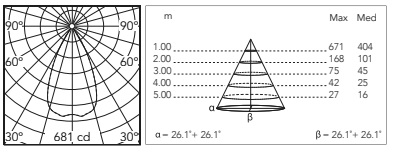



@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 7,9W - 671 lm ≠ FIXT 472 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 507 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025V2EA001 | F025V3EA001 | F025V4EA001 |
| F025V2EA006 | F025V3EA006 | F025V4EA006 |
| F025V2EA012 | F025V3EA012 | F025V4EA012 |
| F025V2EA018 | F025V3EA018 | F025V4EA018 |
| F025V2EA030 | F025V3EA030 | F025V4EA030 |
| F025V2EA033 | F025V3EA033 | F025V4EA033 |



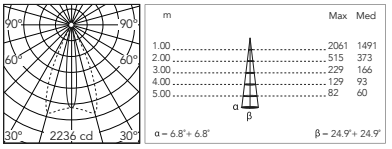

Preliminary photometry

@ 3000K

### Optic Elliptical 1 13,5° x 50°

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025V2FA001 | F025V3FA001 | F025V4FA001 |
| F025V2FA006 | F025V3FA006 | F025V4FA006 |
| F025V2FA012 | F025V3FA012 | F025V4FA012 |
| F025V2FA018 | F025V3FA018 | F025V4FA018 |
| F025V2FA030 | F025V3FA030 | F025V4FA030 |
| F025V2FA033 | F025V3FA033 | F025V4FA033 |

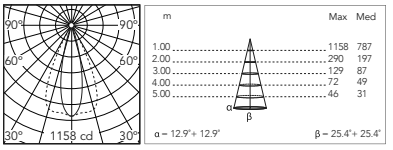



@ 3000K

### Optic Elliptical 2 26° x 51°

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025V2GA001 | F025V3GA001 | F025V4GA001 |
| F025V2GA006 | F025V3GA006 | F025V4GA006 |
| F025V2GA012 | F025V3GA012 | F025V4GA012 |
| F025V2GA018 | F025V3GA018 | F025V4GA018 |
| F025V2GA030 | F025V3GA030 | F025V4GA030 |
| F025V2GA033 | F025V3GA033 | F025V4GA033 |

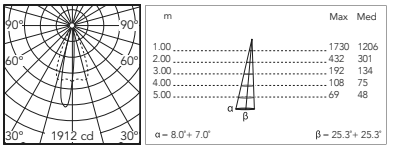



@ 3000K

### Optic Wall Washer

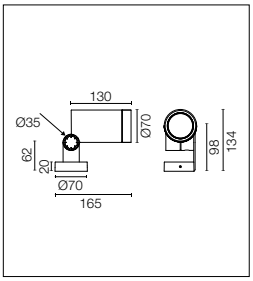
**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

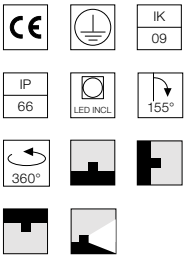
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F025V2HA001 | F025V3HA001 | F025V4HA001 |
| F025V2HA006 | F025V3HA006 | F025V4HA006 |
| F025V2HA012 | F025V3HA012 | F025V4HA012 |
| F025V2HA018 | F025V3HA018 | F025V4HA018 |
| F025V2HA030 | F025V3HA030 | F025V4HA030 |
| F025V2HA033 | F025V3HA033 | F025V4HA033 |




@ 3000K

## Spine L 1 Pro Hp



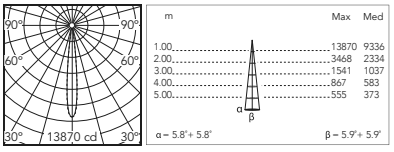

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Spot 12°

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025W2BA001 | ○ F025W3BA001 | ○ F025W4BA001 |
| ● F025W2BA006 | ● F025W3BA006 | ● F025W4BA006 |
| ● F025W2BA012 | ● F025W3BA012 | ● F025W4BA012 |
| ● F025W2BA018 | ● F025W3BA018 | ● F025W4BA018 |
| ● F025W2BA030 | ● F025W3BA030 | ● F025W4BA030 |
| ● F025W2BA033 | ● F025W3BA033 | ● F025W4BA033 |

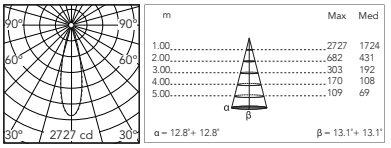



@ 3000K

### Optic Medium Flood 26,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025W2CA001 | ○ F025W3CA001 | ○ F025W4CA001 |
| ● F025W2CA006 | ● F025W3CA006 | ● F025W4CA006 |
| ● F025W2CA012 | ● F025W3CA012 | ● F025W4CA012 |
| ● F025W2CA018 | ● F025W3CA018 | ● F025W4CA018 |
| ● F025W2CA030 | ● F025W3CA030 | ● F025W4CA030 |
| ● F025W2CA033 | ● F025W3CA033 | ● F025W4CA033 |

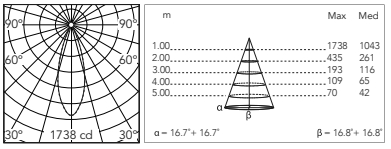



@ 3000K

### Optic Flood 33,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025W2DA001 | ○ F025W3DA001 | ○ F025W4DA001 |
| ● F025W2DA006 | ● F025W3DA006 | ● F025W4DA006 |
| ● F025W2DA012 | ● F025W3DA012 | ● F025W4DA012 |
| ● F025W2DA018 | ● F025W3DA018 | ● F025W4DA018 |
| ● F025W2DA030 | ● F025W3DA030 | ● F025W4DA030 |
| ● F025W2DA033 | ● F025W3DA033 | ● F025W4DA033 |

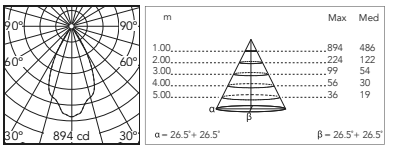



@ 3000K

### Optic Wide Flood 53° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 584 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 642 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025W2EA001 | ○ F025W3EA001 | ○ F025W4EA001 |
| ● F025W2EA006 | ● F025W3EA006 | ● F025W4EA006 |
| ● F025W2EA012 | ● F025W3EA012 | ● F025W4EA012 |
| ● F025W2EA018 | ● F025W3EA018 | ● F025W4EA018 |
| ● F025W2EA030 | ● F025W3EA030 | ● F025W4EA030 |
| ● F025W2EA033 | ● F025W3EA033 | ● F025W4EA033 |




Preliminary photometry

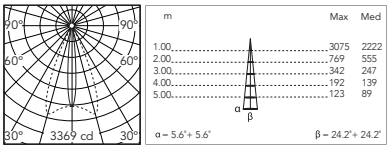
@ 3000K

## Spine L 1 Pro Hp

**Optic Elliptical 1 11,5° x 49°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025W2FA001 | ○ F025W3FA001 | ○ F025W4FA001 |
| ● F025W2FA006 | ● F025W3FA006 | ● F025W4FA006 |
| ● F025W2FA012 | ● F025W3FA012 | ● F025W4FA012 |
| ● F025W2FA018 | ● F025W3FA018 | ● F025W4FA018 |
| ● F025W2FA030 | ● F025W3FA030 | ● F025W4FA030 |
| ● F025W2FA033 | ● F025W3FA033 | ● F025W4FA033 |

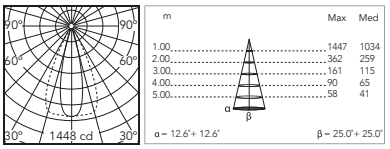



@ 3000K

**Optic Elliptical 2 25,5° x 50°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025W2GA001 | ○ F025W3GA001 | ○ F025W4GA001 |
| ● F025W2GA006 | ● F025W3GA006 | ● F025W4GA006 |
| ● F025W2GA012 | ● F025W3GA012 | ● F025W4GA012 |
| ● F025W2GA018 | ● F025W3GA018 | ● F025W4GA018 |
| ● F025W2GA030 | ● F025W3GA030 | ● F025W4GA030 |
| ● F025W2GA033 | ● F025W3GA033 | ● F025W4GA033 |

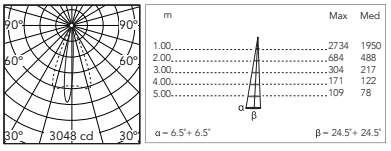



@ 3000K

**Optic Wall Washer**

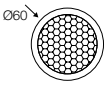
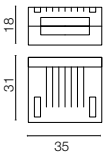
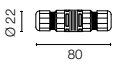
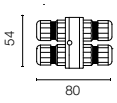
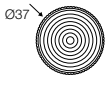
**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

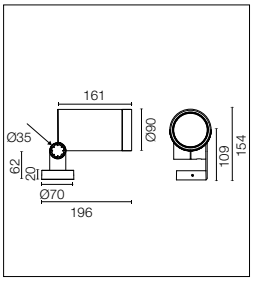
| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025W2HA001 | ○ F025W3HA001 | ○ F025W4HA001 |
| ● F025W2HA006 | ● F025W3HA006 | ● F025W4HA006 |
| ● F025W2HA012 | ● F025W3HA012 | ● F025W4HA012 |
| ● F025W2HA018 | ● F025W3HA018 | ● F025W4HA018 |
| ● F025W2HA030 | ● F025W3HA030 | ● F025W4HA030 |
| ● F025W2HA033 | ● F025W3HA033 | ● F025W4HA033 |

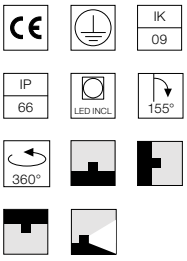



@ 3000K

## Spine L 1 Pro: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Honeycomb | Honeycomb Louvre | F025Z060000 | |  |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | F990C100000 | |  |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |  |
| Konverterlinse / Converter lenses:<br>- Converter Spine 1 Optic Medium Flood<br>- Converter Spine 1 Optic Flood<br>- Converter Spine 1 Optic Wide Flood (Available soon)<br>- Converter Spine 1 Optic Elliptic 1<br>- Converter Spine 1 Optic Elliptic 2<br>- Converter Spine 1 Optic Wall Washer | | <br>F029Z010000<br>F029Z011000<br>F029Z012000<br>F029Z013000<br>F029Z014000<br>F029Z015000 |  |  |



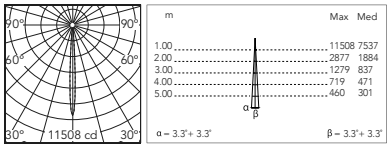

Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

**Optic Narrow Spot 6°**

**Power Led:** 4,1W - 248 lm ≠ FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm ≠ FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm ≠ FIXT 247 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026V2AA001 | ○ F026V3AA001 | ○ F026V4AA001 |
| ● F026V2AA006 | ● F026V3AA006 | ● F026V4AA006 |
| ● F026V2AA012 | ● F026V3AA012 | ● F026V4AA012 |
| ● F026V2AA018 | ● F026V3AA018 | ● F026V4AA018 |
| ● F026V2AA030 | ● F026V3AA030 | ● F026V4AA030 |
| ● F026V2AA033 | ● F026V3AA033 | ● F026V4AA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026V2AB001 | ○ F026V3AB001 | ○ F026V4AB001 |
| ● F026V2AB006 | ● F026V3AB006 | ● F026V4AB006 |
| ● F026V2AB012 | ● F026V3AB012 | ● F026V4AB012 |
| ● F026V2AB018 | ● F026V3AB018 | ● F026V4AB018 |
| ● F026V2AB030 | ● F026V3AB030 | ● F026V4AB030 |
| ● F026V2AB033 | ● F026V3AB033 | ● F026V4AB033 |
| Dali | Dali | Dali |
| ○ F026V2AD001 | ○ F026V3AD001 | ○ F026V4AD001 |
| ● F026V2AD006 | ● F026V3AD006 | ● F026V4AD006 |
| ● F026V2AD012 | ● F026V3AD012 | ● F026V4AD012 |
| ● F026V2AD018 | ● F026V3AD018 | ● F026V4AD018 |
| ● F026V2AD030 | ● F026V3AD030 | ● F026V4AD030 |
| ● F026V2AD033 | ● F026V3AD033 | ● F026V4AD033 |

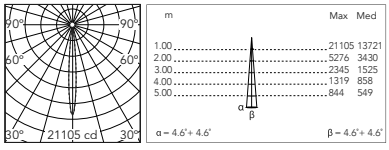



@ 3000K

**Optic Spot 9,5°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 769 lm - 2700K/CRI 80 - 220-240Vv / 10,5W - 966 lm ≠ FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 846 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026V2BA001 | ○ F026V3BA001 | ○ F026V4BA001 |
| ● F026V2BA006 | ● F026V3BA006 | ● F026V4BA006 |
| ● F026V2BA012 | ● F026V3BA012 | ● F026V4BA012 |
| ● F026V2BA018 | ● F026V3BA018 | ● F026V4BA018 |
| ● F026V2BA030 | ● F026V3BA030 | ● F026V4BA030 |
| ● F026V2BA033 | ● F026V3BA033 | ● F026V4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026V2BB001 | ○ F026V3BB001 | ○ F026V4BB001 |
| ● F026V2BB006 | ● F026V3BB006 | ● F026V4BB006 |
| ● F026V2BB012 | ● F026V3BB012 | ● F026V4BB012 |
| ● F026V2BB018 | ● F026V3BB018 | ● F026V4BB018 |
| ● F026V2BB030 | ● F026V3BB030 | ● F026V4BB030 |
| ● F026V2BB033 | ● F026V3BB033 | ● F026V4BB033 |
| Dali | Dali | Dali |
| ○ F026V2BD001 | ○ F026V3BD001 | ○ F026V4BD001 |
| ● F026V2BD006 | ● F026V3BD006 | ● F026V4BD006 |
| ● F026V2BD012 | ● F026V3BD012 | ● F026V4BD012 |
| ● F026V2BD018 | ● F026V3BD018 | ● F026V4BD018 |
| ● F026V2BD030 | ● F026V3BD030 | ● F026V4BD030 |
| ● F026V2BD033 | ● F026V3BD033 | ● F026V4BD033 |

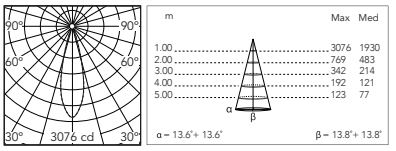



@ 3000K

### Optic Medium Flood 28°

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F026V2CA001 | F026V3CA001 | F026V4CA001 |
| F026V2CA006 | F026V3CA006 | F026V4CA006 |
| F026V2CA012 | F026V3CA012 | F026V4CA012 |
| F026V2CA018 | F026V3CA018 | F026V4CA018 |
| F026V2CA030 | F026V3CA030 | F026V4CA030 |
| F026V2CA033 | F026V3CA033 | F026V4CA033 |
| 1-10V | 1-10V | 1-10V |
| F026V2CB001 | F026V3CB001 | F026V4CB001 |
| F026V2CB006 | F026V3CB006 | F026V4CB006 |
| F026V2CB012 | F026V3CB012 | F026V4CB012 |
| F026V2CB018 | F026V3CB018 | F026V4CB018 |
| F026V2CB030 | F026V3CB030 | F026V4CB030 |
| F026V2CB033 | F026V3CB033 | F026V4CB033 |
| Dali | Dali | Dali |
| F026V2CD001 | F026V3CD001 | F026V4CD001 |
| F026V2CD006 | F026V3CD006 | F026V4CD006 |
| F026V2CD012 | F026V3CD012 | F026V4CD012 |
| F026V2CD018 | F026V3CD018 | F026V4CD018 |
| F026V2CD030 | F026V3CD030 | F026V4CD030 |
| F026V2CD033 | F026V3CD033 | F026V4CD033 |

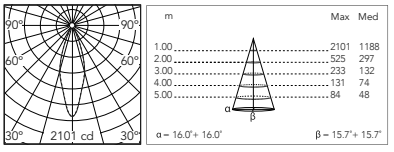



@ 3000K

### Optic Flood 33°

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F026V2DA001 | F026V3DA001 | F026V4DA001 |
| F026V2DA006 | F026V3DA006 | F026V4DA006 |
| F026V2DA012 | F026V3DA012 | F026V4DA012 |
| F026V2DA018 | F026V3DA018 | F026V4DA018 |
| F026V2DA030 | F026V3DA030 | F026V4DA030 |
| F026V2DA033 | F026V3DA033 | F026V4DA033 |
| 1-10V | 1-10V | 1-10V |
| F026V2DB001 | F026V3DB001 | F026V4DB001 |
| F026V2DB006 | F026V3DB006 | F026V4DB006 |
| F026V2DB012 | F026V3DB012 | F026V4DB012 |
| F026V2DB018 | F026V3DB018 | F026V4DB018 |
| F026V2DB030 | F026V3DB030 | F026V4DB030 |
| F026V2DB033 | F026V3DB033 | F026V4DB033 |
| Dali | Dali | Dali |
| F026V2DD001 | F026V3DD001 | F026V4DD001 |
| F026V2DD006 | F026V3DD006 | F026V4DD006 |
| F026V2DD012 | F026V3DD012 | F026V4DD012 |
| F026V2DD018 | F026V3DD018 | F026V4DD018 |
| F026V2DD030 | F026V3DD030 | F026V4DD030 |
| F026V2DD033 | F026V3DD033 | F026V4DD033 |

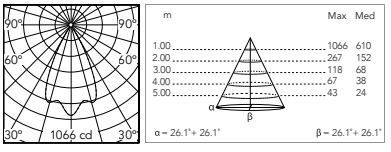



@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 677 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 711 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 745 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F026V2EA001 | F026V3EA001 | F026V4EA001 |
| F026V2EA006 | F026V3EA006 | F026V4EA006 |
| F026V2EA012 | F026V3EA012 | F026V4EA012 |
| F026V2EA018 | F026V3EA018 | F026V4EA018 |
| F026V2EA030 | F026V3EA030 | F026V4EA030 |
| F026V2EA033 | F026V3EA033 | F026V4EA033 |
| 1-10V | 1-10V | 1-10V |
| F026V2EB001 | F026V3EB001 | F026V4EB001 |
| F026V2EB006 | F026V3EB006 | F026V4EB006 |
| F026V2EB012 | F026V3EB012 | F026V4EB012 |
| F026V2EB018 | F026V3EB018 | F026V4EB018 |
| F026V2EB030 | F026V3EB030 | F026V4EB030 |
| F026V2EB033 | F026V3EB033 | F026V4EB033 |
| Dali | Dali | Dali |
| F026V2ED001 | F026V3ED001 | F026V4ED001 |
| F026V2ED006 | F026V3ED006 | F026V4ED006 |
| F026V2ED012 | F026V3ED012 | F026V4ED012 |
| F026V2ED018 | F026V3ED018 | F026V4ED018 |
| F026V2ED030 | F026V3ED030 | F026V4ED030 |
| F026V2ED033 | F026V3ED033 | F026V4ED033 |



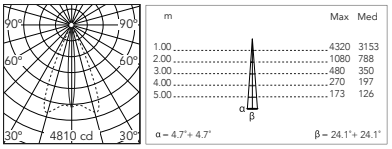

Preliminary photometry

@ 3000K

### Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026V2FA001 | ○ F026V3FA001 | ○ F026V4FA001 |
| ● F026V2FA006 | ● F026V3FA006 | ● F026V4FA006 |
| ● F026V2FA012 | ● F026V3FA012 | ● F026V4FA012 |
| ● F026V2FA018 | ● F026V3FA018 | ● F026V4FA018 |
| ● F026V2FA030 | ● F026V3FA030 | ● F026V4FA030 |
| ● F026V2FA033 | ● F026V3FA033 | ● F026V4FA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026V2FB001 | ○ F026V3FB001 | ○ F026V4FB001 |
| ● F026V2FB006 | ● F026V3FB006 | ● F026V4FB006 |
| ● F026V2FB012 | ● F026V3FB012 | ● F026V4FB012 |
| ● F026V2FB018 | ● F026V3FB018 | ● F026V4FB018 |
| ● F026V2FB030 | ● F026V3FB030 | ● F026V4FB030 |
| ● F026V2FB033 | ● F026V3FB033 | ● F026V4FB033 |
| Dali | Dali | Dali |
| ○ F026V2FD001 | ○ F026V3FD001 | ○ F026V4FD001 |
| ● F026V2FD006 | ● F026V3FD006 | ● F026V4FD006 |
| ● F026V2FD012 | ● F026V3FD012 | ● F026V4FD012 |
| ● F026V2FD018 | ● F026V3FD018 | ● F026V4FD018 |
| ● F026V2FD030 | ● F026V3FD030 | ● F026V4FD030 |
| ● F026V2FD033 | ● F026V3FD033 | ● F026V4FD033 |

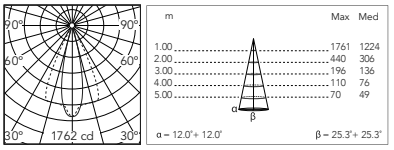



@ 3000K

### Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026V2GA001 | ○ F026V3GA001 | ○ F026V4GA001 |
| ● F026V2GA006 | ● F026V3GA006 | ● F026V4GA006 |
| ● F026V2GA012 | ● F026V3GA012 | ● F026V4GA012 |
| ● F026V2GA018 | ● F026V3GA018 | ● F026V4GA018 |
| ● F026V2GA030 | ● F026V3GA030 | ● F026V4GA030 |
| ● F026V2GA033 | ● F026V3GA033 | ● F026V4GA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026V2GB001 | ○ F026V3GB001 | ○ F026V4GB001 |
| ● F026V2GB006 | ● F026V3GB006 | ● F026V4GB006 |
| ● F026V2GB012 | ● F026V3GB012 | ● F026V4GB012 |
| ● F026V2GB018 | ● F026V3GB018 | ● F026V4GB018 |
| ● F026V2GB030 | ● F026V3GB030 | ● F026V4GB030 |
| ● F026V2GB033 | ● F026V3GB033 | ● F026V4GB033 |
| Dali | Dali | Dali |
| ○ F026V2GD001 | ○ F026V3GD001 | ○ F026V4GD001 |
| ● F026V2GD006 | ● F026V3GD006 | ● F026V4GD006 |
| ● F026V2GD012 | ● F026V3GD012 | ● F026V4GD012 |
| ● F026V2GD018 | ● F026V3GD018 | ● F026V4GD018 |
| ● F026V2GD030 | ● F026V3GD030 | ● F026V4GD030 |
| ● F026V2GD033 | ● F026V3GD033 | ● F026V4GD033 |

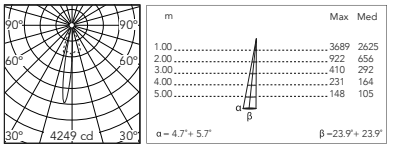



@ 3000K

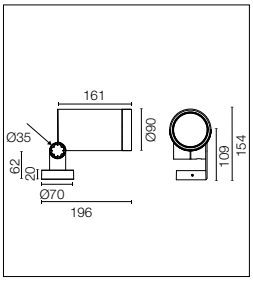
### Optic Wall Washer

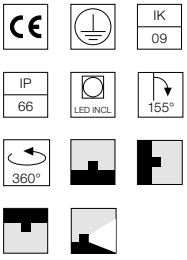
**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026V2HA001 | ○ F026V3HA001 | ○ F026V4HA001 |
| ● F026V2HA006 | ● F026V3HA006 | ● F026V4HA006 |
| ● F026V2HA012 | ● F026V3HA012 | ● F026V4HA012 |
| ● F026V2HA018 | ● F026V3HA018 | ● F026V4HA018 |
| ● F026V2HA030 | ● F026V3HA030 | ● F026V4HA030 |
| ● F026V2HA033 | ● F026V3HA033 | ● F026V4HA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026V2HB001 | ○ F026V3HB001 | ○ F026V4HB001 |
| ● F026V2HB006 | ● F026V3HB006 | ● F026V4HB006 |
| ● F026V2HB012 | ● F026V3HB012 | ● F026V4HB012 |
| ● F026V2HB018 | ● F026V3HB018 | ● F026V4HB018 |
| ● F026V2HB030 | ● F026V3HB030 | ● F026V4HB030 |
| ● F026V2HB033 | ● F026V3HB033 | ● F026V4HB033 |
| Dali | Dali | Dali |
| ○ F026V2HD001 | ○ F026V3HD001 | ○ F026V4HD001 |
| ● F026V2HD006 | ● F026V3HD006 | ● F026V4HD006 |
| ● F026V2HD012 | ● F026V3HD012 | ● F026V4HD012 |
| ● F026V2HD018 | ● F026V3HD018 | ● F026V4HD018 |
| ● F026V2HD030 | ● F026V3HD030 | ● F026V4HD030 |
| ● F026V2HD033 | ● F026V3HD033 | ● F026V4HD033 |




@ 3000K



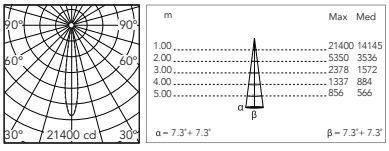

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, regelbar 1-10V oder durch DALI. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

**Optic Spot 14,5°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026W2BA001 | ○ F026W3BA001 | ○ F026W4BA001 |
| ● F026W2BA006 | ● F026W3BA006 | ● F026W4BA006 |
| ● F026W2BA012 | ● F026W3BA012 | ● F026W4BA012 |
| ● F026W2BA018 | ● F026W3BA018 | ● F026W4BA018 |
| ● F026W2BA030 | ● F026W3BA030 | ● F026W4BA030 |
| ● F026W2BA033 | ● F026W3BA033 | ● F026W4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026W2BB001 | ○ F026W3BB001 | ○ F026W4BB001 |
| ● F026W2BB006 | ● F026W3BB006 | ● F026W4BB006 |
| ● F026W2BB012 | ● F026W3BB012 | ● F026W4BB012 |
| ● F026W2BB018 | ● F026W3BB018 | ● F026W4BB018 |
| ● F026W2BB030 | ● F026W3BB030 | ● F026W4BB030 |
| ● F026W2BB033 | ● F026W3BB033 | ● F026W4BB033 |
| Dali | Dali | Dali |
| ○ F026W2BD001 | ○ F026W3BD001 | ○ F026W4BD001 |
| ● F026W2BD006 | ● F026W3BD006 | ● F026W4BD006 |
| ● F026W2BD012 | ● F026W3BD012 | ● F026W4BD012 |
| ● F026W2BD018 | ● F026W3BD018 | ● F026W4BD018 |
| ● F026W2BD030 | ● F026W3BD030 | ● F026W4BD030 |
| ● F026W2BD033 | ● F026W3BD033 | ● F026W4BD033 |

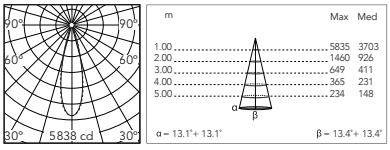



@ 3000K

**Optic Medium Flood 26°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026W2CA001 | ○ F026W3CA001 | ○ F026W4CA001 |
| ● F026W2CA006 | ● F026W3CA006 | ● F026W4CA006 |
| ● F026W2CA012 | ● F026W3CA012 | ● F026W4CA012 |
| ● F026W2CA018 | ● F026W3CA018 | ● F026W4CA018 |
| ● F026W2CA030 | ● F026W3CA030 | ● F026W4CA030 |
| ● F026W2CA033 | ● F026W3CA033 | ● F026W4CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026W2CB001 | ○ F026W3CB001 | ○ F026W4CB001 |
| ● F026W2CB006 | ● F026W3CB006 | ● F026W4CB006 |
| ● F026W2CB012 | ● F026W3CB012 | ● F026W4CB012 |
| ● F026W2CB018 | ● F026W3CB018 | ● F026W4CB018 |
| ● F026W2CB030 | ● F026W3CB030 | ● F026W4CB030 |
| ● F026W2CB033 | ● F026W3CB033 | ● F026W4CB033 |
| Dali | Dali | Dali |
| ○ F026W2CD001 | ○ F026W3CD001 | ○ F026W4CD001 |
| ● F026W2CD006 | ● F026W3CD006 | ● F026W4CD006 |
| ● F026W2CD012 | ● F026W3CD012 | ● F026W4CD012 |
| ● F026W2CD018 | ● F026W3CD018 | ● F026W4CD018 |
| ● F026W2CD030 | ● F026W3CD030 | ● F026W4CD030 |
| ● F026W2CD033 | ● F026W3CD033 | ● F026W4CD033 |



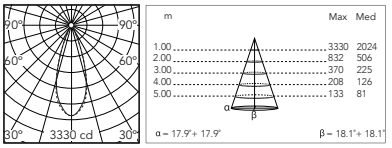

@ 3000K

## Spine L 2 Pro Hp

### Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026W2DA001 | ○ F026W3DA001 | ○ F026W4DA001 |
| ● F026W2DA006 | ● F026W3DA006 | ● F026W4DA006 |
| ● F026W2DA012 | ● F026W3DA012 | ● F026W4DA012 |
| ● F026W2DA018 | ● F026W3DA018 | ● F026W4DA018 |
| ● F026W2DA030 | ● F026W3DA030 | ● F026W4DA030 |
| ● F026W2DA033 | ● F026W3DA033 | ● F026W4DA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026W2DB001 | ○ F026W3DB001 | ○ F026W4DB001 |
| ● F026W2DB006 | ● F026W3DB006 | ● F026W4DB006 |
| ● F026W2DB012 | ● F026W3DB012 | ● F026W4DB012 |
| ● F026W2DB018 | ● F026W3DB018 | ● F026W4DB018 |
| ● F026W2DB030 | ● F026W3DB030 | ● F026W4DB030 |
| ● F026W2DB033 | ● F026W3DB033 | ● F026W4DB033 |
| Dali | Dali | Dali |
| ○ F026W2DD001 | ○ F026W3DD001 | ○ F026W4DD001 |
| ● F026W2DD006 | ● F026W3DD006 | ● F026W4DD006 |
| ● F026W2DD012 | ● F026W3DD012 | ● F026W4DD012 |
| ● F026W2DD018 | ● F026W3DD018 | ● F026W4DD018 |
| ● F026W2DD030 | ● F026W3DD030 | ● F026W4DD030 |
| ● F026W2DD033 | ● F026W3DD033 | ● F026W4DD033 |

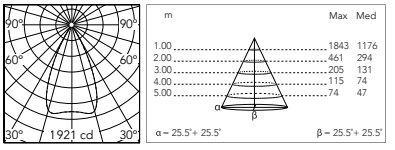



@ 3000K

### Optic Wide Flood 51° - Available Soon

**Power Led:** 17W - 1739 lm ≠ FIXT 1272 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1319 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1366 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026W2EA001 | ○ F026W3EA001 | ○ F026W4EA001 |
| ● F026W2EA006 | ● F026W3EA006 | ● F026W4EA006 |
| ● F026W2EA012 | ● F026W3EA012 | ● F026W4EA012 |
| ● F026W2EA018 | ● F026W3EA018 | ● F026W4EA018 |
| ● F026W2EA030 | ● F026W3EA030 | ● F026W4EA030 |
| ● F026W2EA033 | ● F026W3EA033 | ● F026W4EA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026W2EB001 | ○ F026W3EB001 | ○ F026W4EB001 |
| ● F026W2EB006 | ● F026W3EB006 | ● F026W4EB006 |
| ● F026W2EB012 | ● F026W3EB012 | ● F026W4EB012 |
| ● F026W2EB018 | ● F026W3EB018 | ● F026W4EB018 |
| ● F026W2EB030 | ● F026W3EB030 | ● F026W4EB030 |
| ● F026W2EB033 | ● F026W3EB033 | ● F026W4EB033 |
| Dali | Dali | Dali |
| ○ F026W2ED001 | ○ F026W3ED001 | ○ F026W4ED001 |
| ● F026W2ED006 | ● F026W3ED006 | ● F026W4ED006 |
| ● F026W2ED012 | ● F026W3ED012 | ● F026W4ED012 |
| ● F026W2ED018 | ● F026W3ED018 | ● F026W4ED018 |
| ● F026W2ED030 | ● F026W3ED030 | ● F026W4ED030 |
| ● F026W2ED033 | ● F026W3ED033 | ● F026W4ED033 |



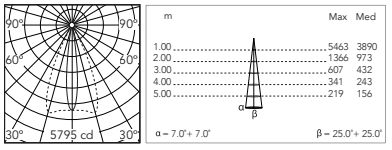

Preliminary photometry

@ 3000K

### Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026W2FA001 | ○ F026W3FA001 | ○ F026W4FA001 |
| ● F026W2FA006 | ● F026W3FA006 | ● F026W4FA006 |
| ● F026W2FA012 | ● F026W3FA012 | ● F026W4FA012 |
| ● F026W2FA018 | ● F026W3FA018 | ● F026W4FA018 |
| ● F026W2FA030 | ● F026W3FA030 | ● F026W4FA030 |
| ● F026W2FA033 | ● F026W3FA033 | ● F026W4FA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026W2FB001 | ○ F026W3FB001 | ○ F026W4FB001 |
| ● F026W2FB006 | ● F026W3FB006 | ● F026W4FB006 |
| ● F026W2FB012 | ● F026W3FB012 | ● F026W4FB012 |
| ● F026W2FB018 | ● F026W3FB018 | ● F026W4FB018 |
| ● F026W2FB030 | ● F026W3FB030 | ● F026W4FB030 |
| ● F026W2FB033 | ● F026W3FB033 | ● F026W4FB033 |
| Dali | Dali | Dali |
| ○ F026W2FD001 | ○ F026W3FD001 | ○ F026W4FD001 |
| ● F026W2FD006 | ● F026W3FD006 | ● F026W4FD006 |
| ● F026W2FD012 | ● F026W3FD012 | ● F026W4FD012 |
| ● F026W2FD018 | ● F026W3FD018 | ● F026W4FD018 |
| ● F026W2FD030 | ● F026W3FD030 | ● F026W4FD030 |
| ● F026W2FD033 | ● F026W3FD033 | ● F026W4FD033 |

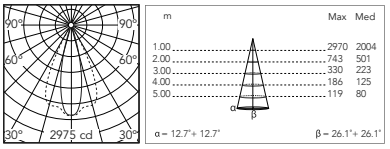



@ 3000K

### Optic Elliptical 2 25° x 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026W2GA001 | ○ F026W3GA001 | ○ F026W4GA001 |
| ● F026W2GA006 | ● F026W3GA006 | ● F026W4GA006 |
| ● F026W2GA012 | ● F026W3GA012 | ● F026W4GA012 |
| ● F026W2GA018 | ● F026W3GA018 | ● F026W4GA018 |
| ● F026W2GA030 | ● F026W3GA030 | ● F026W4GA030 |
| ● F026W2GA033 | ● F026W3GA033 | ● F026W4GA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026W2GB001 | ○ F026W3GB001 | ○ F026W4GB001 |
| ● F026W2GB006 | ● F026W3GB006 | ● F026W4GB006 |
| ● F026W2GB012 | ● F026W3GB012 | ● F026W4GB012 |
| ● F026W2GB018 | ● F026W3GB018 | ● F026W4GB018 |
| ● F026W2GB030 | ● F026W3GB030 | ● F026W4GB030 |
| ● F026W2GB033 | ● F026W3GB033 | ● F026W4GB033 |
| Dali | Dali | Dali |
| ○ F026W2GD001 | ○ F026W3GD001 | ○ F026W4GD001 |
| ● F026W2GD006 | ● F026W3GD006 | ● F026W4GD006 |
| ● F026W2GD012 | ● F026W3GD012 | ● F026W4GD012 |
| ● F026W2GD018 | ● F026W3GD018 | ● F026W4GD018 |
| ● F026W2GD030 | ● F026W3GD030 | ● F026W4GD030 |
| ● F026W2GD033 | ● F026W3GD033 | ● F026W4GD033 |

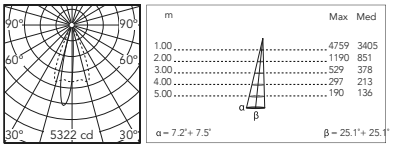



@ 3000K

### Optic Wall Washer

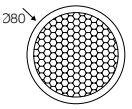
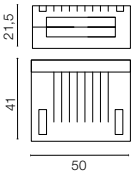
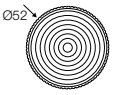
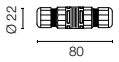
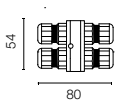
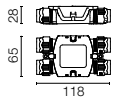
**Power Led:** 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

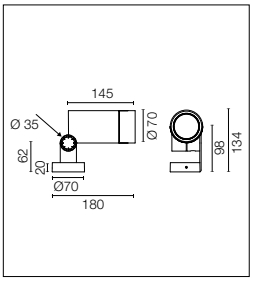
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026W2HA001 | ○ F026W3HA001 | ○ F026W4HA001 |
| ● F026W2HA006 | ● F026W3HA006 | ● F026W4HA006 |
| ● F026W2HA012 | ● F026W3HA012 | ● F026W4HA012 |
| ● F026W2HA018 | ● F026W3HA018 | ● F026W4HA018 |
| ● F026W2HA030 | ● F026W3HA030 | ● F026W4HA030 |
| ● F026W2HA033 | ● F026W3HA033 | ● F026W4HA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026W2HB001 | ○ F026W3HB001 | ○ F026W4HB001 |
| ● F026W2HB006 | ● F026W3HB006 | ● F026W4HB006 |
| ● F026W2HB012 | ● F026W3HB012 | ● F026W4HB012 |
| ● F026W2HB018 | ● F026W3HB018 | ● F026W4HB018 |
| ● F026W2HB030 | ● F026W3HB030 | ● F026W4HB030 |
| ● F026W2HB033 | ● F026W3HB033 | ● F026W4HB033 |
| Dali | Dali | Dali |
| ○ F026W2HD001 | ○ F026W3HD001 | ○ F026W4HD001 |
| ● F026W2HD006 | ● F026W3HD006 | ● F026W4HD006 |
| ● F026W2HD012 | ● F026W3HD012 | ● F026W4HD012 |
| ● F026W2HD018 | ● F026W3HD018 | ● F026W4HD018 |
| ● F026W2HD030 | ● F026W3HD030 | ● F026W4HD030 |
| ● F026W2HD033 | ● F026W3HD033 | ● F026W4HD033 |

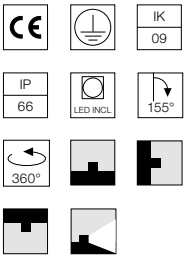



@ 3000K

## Spine L 2 Pro: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Honeycomb | Honeycomb Louvre | F026Z060000 | |  |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | F990C110000 | |  |
| Konverterlinse / Converter lenses:<br>- Converter Spine 2 Optic Medium Flood<br>- Converter Spine 2 Optic Flood<br>- Converter Spine 2 Optic Wide Flood (Available soon)<br>- Converter Spine 2 Optic Elliptic 1<br>- Converter Spine 2 Optic Elliptic 2<br>- Converter Spine 2 Optic Wall Washer | | <br>F029Z020000<br>F029Z021000<br>F029Z022000<br>F029Z023000<br>F029Z024000<br>F029Z025000 | |  |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |  |
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 | | |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 | |  |



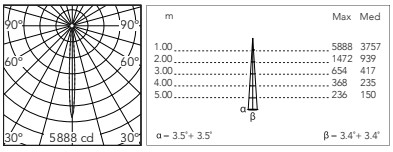

Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.
Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Narrow Spot 7°

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025R2AA001 | ○ F025R3AA001 | ○ F025R4AA001 |
| ● F025R2AA006 | ● F025R3AA006 | ● F025R4AA006 |
| ● F025R2AA012 | ● F025R3AA012 | ● F025R4AA012 |
| ● F025R2AA018 | ● F025R3AA018 | ● F025R4AA018 |
| ● F025R2AA030 | ● F025R3AA030 | ● F025R4AA030 |
| ● F025R2AA033 | ● F025R3AA033 | ● F025R4AA033 |

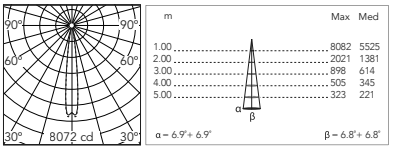



@ 3000K

### Optic Spot 14°

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025R2BA001 | ○ F025R3BA001 | ○ F025R4BA001 |
| ● F025R2BA006 | ● F025R3BA006 | ● F025R4BA006 |
| ● F025R2BA012 | ● F025R3BA012 | ● F025R4BA012 |
| ● F025R2BA018 | ● F025R3BA018 | ● F025R4BA018 |
| ● F025R2BA030 | ● F025R3BA030 | ● F025R4BA030 |
| ● F025R2BA033 | ● F025R3BA033 | ● F025R4BA033 |

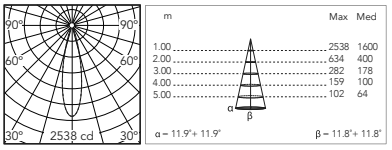



@ 3000K

### Optic Medium Flood 24,5°

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025R2CA001 | ○ F025R3CA001 | ○ F025R4CA001 |
| ● F025R2CA006 | ● F025R3CA006 | ● F025R4CA006 |
| ● F025R2CA012 | ● F025R3CA012 | ● F025R4CA012 |
| ● F025R2CA018 | ● F025R3CA018 | ● F025R4CA018 |
| ● F025R2CA030 | ● F025R3CA030 | ● F025R4CA030 |
| ● F025R2CA033 | ● F025R3CA033 | ● F025R4CA033 |

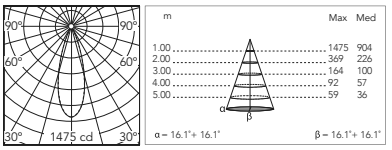



@ 3000K

### Optic Flood 32°

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025R2DA001 | ○ F025R3DA001 | ○ F025R4DA001 |
| ● F025R2DA006 | ● F025R3DA006 | ● F025R4DA006 |
| ● F025R2DA012 | ● F025R3DA012 | ● F025R4DA012 |
| ● F025R2DA018 | ● F025R3DA018 | ● F025R4DA018 |
| ● F025R2DA030 | ● F025R3DA030 | ● F025R4DA030 |
| ● F025R2DA033 | ● F025R3DA033 | ● F025R4DA033 |

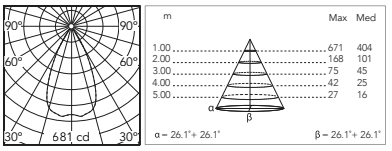



@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 7,9W - 671 lm ≠ FIXT 472 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 507 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025R2EA001 | ○ F025R3EA001 | ○ F025R4EA001 |
| ● F025R2EA006 | ● F025R3EA006 | ● F025R4EA006 |
| ● F025R2EA012 | ● F025R3EA012 | ● F025R4EA012 |
| ● F025R2EA018 | ● F025R3EA018 | ● F025R4EA018 |
| ● F025R2EA030 | ● F025R3EA030 | ● F025R4EA030 |
| ● F025R2EA033 | ● F025R3EA033 | ● F025R4EA033 |

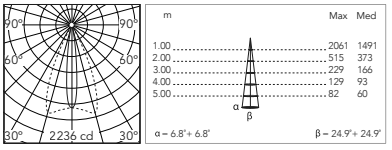



Preliminary photometry @ 3000K

### Optic Elliptical 1 13,5° x 50°

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025R2FA001 | ○ F025R3FA001 | ○ F025R4FA001 |
| ● F025R2FA006 | ● F025R3FA006 | ● F025R4FA006 |
| ● F025R2FA012 | ● F025R3FA012 | ● F025R4FA012 |
| ● F025R2FA018 | ● F025R3FA018 | ● F025R4FA018 |
| ● F025R2FA030 | ● F025R3FA030 | ● F025R4FA030 |
| ● F025R2FA033 | ● F025R3FA033 | ● F025R4FA033 |

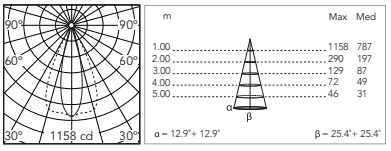



@ 3000K

### Optic Elliptical 2 26° x 51°

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025R2GA001 | ○ F025R3GA001 | ○ F025R4GA001 |
| ● F025R2GA006 | ● F025R3GA006 | ● F025R4GA006 |
| ● F025R2GA012 | ● F025R3GA012 | ● F025R4GA012 |
| ● F025R2GA018 | ● F025R3GA018 | ● F025R4GA018 |
| ● F025R2GA030 | ● F025R3GA030 | ● F025R4GA030 |
| ● F025R2GA033 | ● F025R3GA033 | ● F025R4GA033 |

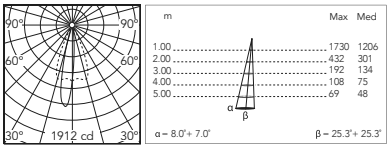



@ 3000K

### Optic Wall Washer

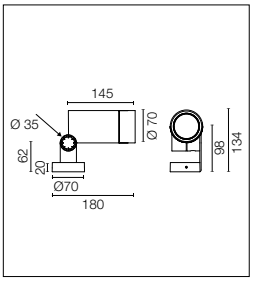
**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

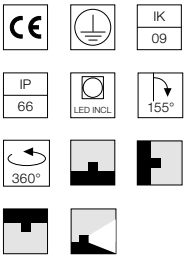
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025R2HA001 | ○ F025R3HA001 | ○ F025R4HA001 |
| ● F025R2HA006 | ● F025R3HA006 | ● F025R4HA006 |
| ● F025R2HA012 | ● F025R3HA012 | ● F025R4HA012 |
| ● F025R2HA018 | ● F025R3HA018 | ● F025R4HA018 |
| ● F025R2HA030 | ● F025R3HA030 | ● F025R4HA030 |
| ● F025R2HA033 | ● F025R3HA033 | ● F025R4HA033 |




@ 3000K

## Spine L 1 Ultra Hp



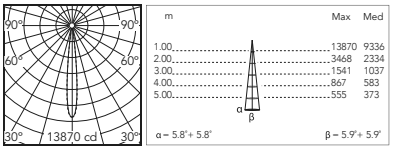

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. : como accesorio, está disponible el visor de corte asimétrico. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.
Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Spot 12°

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025S2BA001 | ○ F025S3BA001 | ○ F025S4BA001 |
| ● F025S2BA006 | ● F025S3BA006 | ● F025S4BA006 |
| ● F025S2BA012 | ● F025S3BA012 | ● F025S4BA012 |
| ● F025S2BA018 | ● F025S3BA018 | ● F025S4BA018 |
| ● F025S2BA030 | ● F025S3BA030 | ● F025S4BA030 |
| ● F025S2BA033 | ● F025S3BA033 | ● F025S4BA033 |

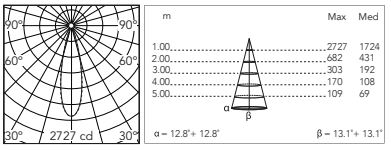



@ 3000K

### Optic Medium Flood 26,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025S2CA001 | ○ F025S3CA001 | ○ F025S4CA001 |
| ● F025S2CA006 | ● F025S3CA006 | ● F025S4CA006 |
| ● F025S2CA012 | ● F025S3CA012 | ● F025S4CA012 |
| ● F025S2CA018 | ● F025S3CA018 | ● F025S4CA018 |
| ● F025S2CA030 | ● F025S3CA030 | ● F025S4CA030 |
| ● F025S2CA033 | ● F025S3CA033 | ● F025S4CA033 |

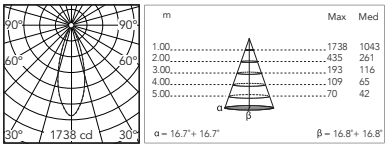



@ 3000K

### Optic Flood 33,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025S2DA001 | ○ F025S3DA001 | ○ F025S4DA001 |
| ● F025S2DA006 | ● F025S3DA006 | ● F025S4DA006 |
| ● F025S2DA012 | ● F025S3DA012 | ● F025S4DA012 |
| ● F025S2DA018 | ● F025S3DA018 | ● F025S4DA018 |
| ● F025S2DA030 | ● F025S3DA030 | ● F025S4DA030 |
| ● F025S2DA033 | ● F025S3DA033 | ● F025S4DA033 |

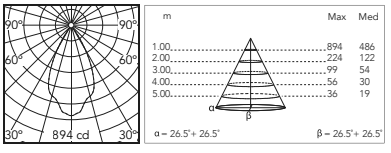



@ 3000K

### Optic Wide Flood 53° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 584 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 642 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F025S2EA001 | ○ F025S3EA001 | ○ F025S4EA001 |
| ● F025S2EA006 | ● F025S3EA006 | ● F025S4EA006 |
| ● F025S2EA012 | ● F025S3EA012 | ● F025S4EA012 |
| ● F025S2EA018 | ● F025S3EA018 | ● F025S4EA018 |
| ● F025S2EA030 | ● F025S3EA030 | ● F025S4EA030 |
| ● F025S2EA033 | ● F025S3EA033 | ● F025S4EA033 |




Preliminary photometry

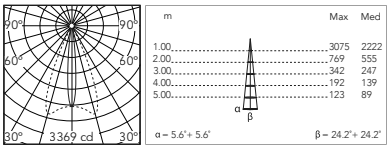
@ 3000K

## Spine L 1 Ultra Hp

**Optic Elliptical 1 11,5° x 49°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025S2FA001 | ○ F025S3FA001 | ○ F025S4FA001 |
| ● F025S2FA006 | ● F025S3FA006 | ● F025S4FA006 |
| ● F025S2FA012 | ● F025S3FA012 | ● F025S4FA012 |
| ● F025S2FA018 | ● F025S3FA018 | ● F025S4FA018 |
| ● F025S2FA030 | ● F025S3FA030 | ● F025S4FA030 |
| ● F025S2FA033 | ● F025S3FA033 | ● F025S4FA033 |

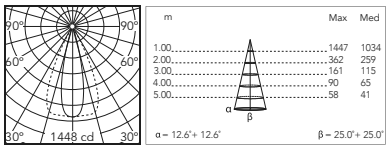



@ 3000K

**Optic Elliptical 2 25,5° x 50°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025S2GA001 | ○ F025S3GA001 | ○ F025S4GA001 |
| ● F025S2GA006 | ● F025S3GA006 | ● F025S4GA006 |
| ● F025S2GA012 | ● F025S3GA012 | ● F025S4GA012 |
| ● F025S2GA018 | ● F025S3GA018 | ● F025S4GA018 |
| ● F025S2GA030 | ● F025S3GA030 | ● F025S4GA030 |
| ● F025S2GA033 | ● F025S3GA033 | ● F025S4GA033 |

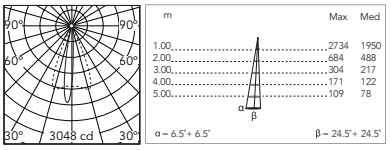



@ 3000K

**Optic Wall Washer**

**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

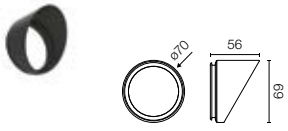
| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F025S2HA001 | ○ F025S3HA001 | ○ F025S4HA001 |
| ● F025S2HA006 | ● F025S3HA006 | ● F025S4HA006 |
| ● F025S2HA012 | ● F025S3HA012 | ● F025S4HA012 |
| ● F025S2HA018 | ● F025S3HA018 | ● F025S4HA018 |
| ● F025S2HA030 | ● F025S3HA030 | ● F025S4HA030 |
| ● F025S2HA033 | ● F025S3HA033 | ● F025S4HA033 |



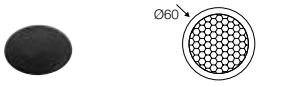

@ 3000K

## Spine L 1 Ultra: Zubehörteile / Accessories

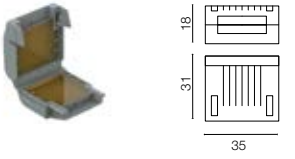
| | | |
|---|---|---|
| Viewer | Visor | ○ F025Z050001<br>● F025Z050006<br>● F025Z050012<br>● F025Z050018<br>● F025Z050030<br>● F025Z050033 |




| | | |
|---|---|---|
| Honeycomb | Honeycomb Louvre | F025Z060000 |



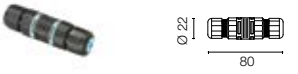

| | | |
|---|---|---|
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | F990C100000 |




Konverterlinse / Converter lenses:

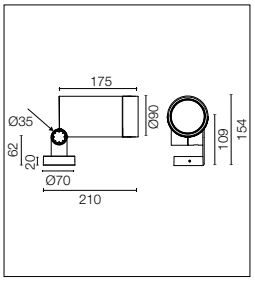
| | |
|---|---|
| - Converter Spine 1 Optic Medium Flood | F029Z010000 |
| - Converter Spine 1 Optic Flood | F029Z011000 |
| - Converter Spine 1 Optic Wide Flood (Available soon) | F029Z012000 |
| - Converter Spine 1 Optic Elliptic 1 | F029Z013000 |
| - Converter Spine 1 Optic Elliptic 2 | F029Z014000 |
| - Converter Spine 1 Optic Wall Washer | F029Z015000 |

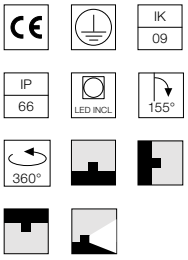
| | | |
|---|---|---|
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 |




| | | |
|---|---|---|
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 |

## Spine L 2 Ultra



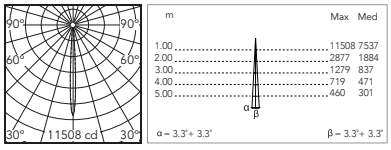

Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar, 1-10V oder durch DALI. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

### Optic Narrow Spot 6°

**Power Led:** 4,1W - 248 lm ≠ FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm ≠ FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm ≠ FIXT 247 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026R2AA001 | ○ F026R3AA001 | ○ F026R4AA001 |
| ● F026R2AA006 | ● F026R3AA006 | ● F026R4AA006 |
| ● F026R2AA012 | ● F026R3AA012 | ● F026R4AA012 |
| ● F026R2AA018 | ● F026R3AA018 | ● F026R4AA018 |
| ● F026R2AA030 | ● F026R3AA030 | ● F026R4AA030 |
| ● F026R2AA033 | ● F026R3AA033 | ● F026R4AA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026R2AB001 | ○ F026R3AB001 | ○ F026R4AB001 |
| ● F026R2AB006 | ● F026R3AB006 | ● F026R4AB006 |
| ● F026R2AB012 | ● F026R3AB012 | ● F026R4AB012 |
| ● F026R2AB018 | ● F026R3AB018 | ● F026R4AB018 |
| ● F026R2AB030 | ● F026R3AB030 | ● F026R4AB030 |
| ● F026R2AB033 | ● F026R3AB033 | ● F026R4AB033 |
| Dali | Dali | Dali |
| ○ F026R2AD001 | ○ F026R3AD001 | ○ F026R4AD001 |
| ● F026R2AD006 | ● F026R3AD006 | ● F026R4AD006 |
| ● F026R2AD012 | ● F026R3AD012 | ● F026R4AD012 |
| ● F026R2AD018 | ● F026R3AD018 | ● F026R4AD018 |
| ● F026R2AD030 | ● F026R3AD030 | ● F026R4AD030 |
| ● F026R2AD033 | ● F026R3AD033 | ● F026R4AD033 |

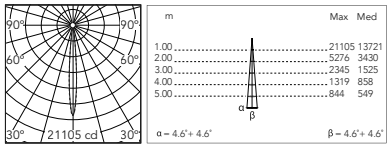



@ 3000K

### Optic Spot 9,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 769 lm - 2700K/CRI 80 - 220-240Vv / 10,5W - 966 lm ≠ FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 846 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026R2BA001 | ○ F026R3BA001 | ○ F026R4BA001 |
| ● F026R2BA006 | ● F026R3BA006 | ● F026R4BA006 |
| ● F026R2BA012 | ● F026R3BA012 | ● F026R4BA012 |
| ● F026R2BA018 | ● F026R3BA018 | ● F026R4BA018 |
| ● F026R2BA030 | ● F026R3BA030 | ● F026R4BA030 |
| ● F026R2BA033 | ● F026R3BA033 | ● F026R4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026R2BB001 | ○ F026R3BB001 | ○ F026R4BB001 |
| ● F026R2BB006 | ● F026R3BB006 | ● F026R4BB006 |
| ● F026R2BB012 | ● F026R3BB012 | ● F026R4BB012 |
| ● F026R2BB018 | ● F026R3BB018 | ● F026R4BB018 |
| ● F026R2BB030 | ● F026R3BB030 | ● F026R4BB030 |
| ● F026R2BB033 | ● F026R3BB033 | ● F026R4BB033 |
| Dali | Dali | Dali |
| ○ F026R2BD001 | ○ F026R3BD001 | ○ F026R4BD001 |
| ● F026R2BD006 | ● F026R3BD006 | ● F026R4BD006 |
| ● F026R2BD012 | ● F026R3BD012 | ● F026R4BD012 |
| ● F026R2BD018 | ● F026R3BD018 | ● F026R4BD018 |
| ● F026R2BD030 | ● F026R3BD030 | ● F026R4BD030 |
| ● F026R2BD033 | ● F026R3BD033 | ● F026R4BD033 |

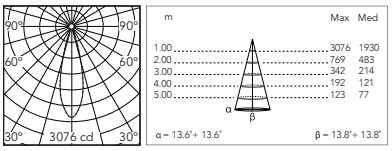



@ 3000K

### Optic Medium Flood 28°

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026R2CA001 | ○ F026R3CA001 | ○ F026R4CA001 |
| ● F026R2CA006 | ● F026R3CA006 | ● F026R4CA006 |
| ● F026R2CA012 | ● F026R3CA012 | ● F026R4CA012 |
| ● F026R2CA018 | ● F026R3CA018 | ● F026R4CA018 |
| ● F026R2CA030 | ● F026R3CA030 | ● F026R4CA030 |
| ● F026R2CA033 | ● F026R3CA033 | ● F026R4CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026R2CB001 | ○ F026R3CB001 | ○ F026R4CB001 |
| ● F026R2CB006 | ● F026R3CB006 | ● F026R4CB006 |
| ● F026R2CB012 | ● F026R3CB012 | ● F026R4CB012 |
| ● F026R2CB018 | ● F026R3CB018 | ● F026R4CB018 |
| ● F026R2CB030 | ● F026R3CB030 | ● F026R4CB030 |
| ● F026R2CB033 | ● F026R3CB033 | ● F026R4CB033 |
| Dali | Dali | Dali |
| ○ F026R2CD001 | ○ F026R3CD001 | ○ F026R4CD001 |
| ● F026R2CD006 | ● F026R3CD006 | ● F026R4CD006 |
| ● F026R2CD012 | ● F026R3CD012 | ● F026R4CD012 |
| ● F026R2CD018 | ● F026R3CD018 | ● F026R4CD018 |
| ● F026R2CD030 | ● F026R3CD030 | ● F026R4CD030 |
| ● F026R2CD033 | ● F026R3CD033 | ● F026R4CD033 |

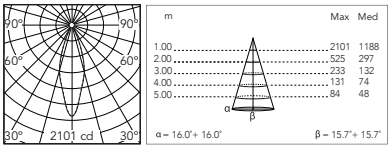



@ 3000K

### Optic Flood 33°

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026R2DA001 | ○ F026R3DA001 | ○ F026R4DA001 |
| ● F026R2DA006 | ● F026R3DA006 | ● F026R4DA006 |
| ● F026R2DA012 | ● F026R3DA012 | ● F026R4DA012 |
| ● F026R2DA018 | ● F026R3DA018 | ● F026R4DA018 |
| ● F026R2DA030 | ● F026R3DA030 | ● F026R4DA030 |
| ● F026R2DA033 | ● F026R3DA033 | ● F026R4DA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026R2DB001 | ○ F026R3DB001 | ○ F026R4DB001 |
| ● F026R2DB006 | ● F026R3DB006 | ● F026R4DB006 |
| ● F026R2DB012 | ● F026R3DB012 | ● F026R4DB012 |
| ● F026R2DB018 | ● F026R3DB018 | ● F026R4DB018 |
| ● F026R2DB030 | ● F026R3DB030 | ● F026R4DB030 |
| ● F026R2DB033 | ● F026R3DB033 | ● F026R4DB033 |
| Dali | Dali | Dali |
| ○ F026R2DD001 | ○ F026R3DD001 | ○ F026R4DD001 |
| ● F026R2DD006 | ● F026R3DD006 | ● F026R4DD006 |
| ● F026R2DD012 | ● F026R3DD012 | ● F026R4DD012 |
| ● F026R2DD018 | ● F026R3DD018 | ● F026R4DD018 |
| ● F026R2DD030 | ● F026R3DD030 | ● F026R4DD030 |
| ● F026R2DD033 | ● F026R3DD033 | ● F026R4DD033 |

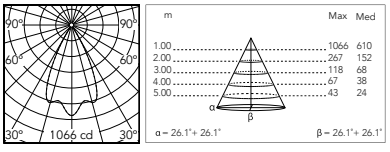



@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 677 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 711 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 745 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026R2EA001 | ○ F026R3EA001 | ○ F026R4EA001 |
| ● F026R2EA006 | ● F026R3EA006 | ● F026R4EA006 |
| ● F026R2EA012 | ● F026R3EA012 | ● F026R4EA012 |
| ● F026R2EA018 | ● F026R3EA018 | ● F026R4EA018 |
| ● F026R2EA030 | ● F026R3EA030 | ● F026R4EA030 |
| ● F026R2EA033 | ● F026R3EA033 | ● F026R4EA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026R2EB001 | ○ F026R3EB001 | ○ F026R4EB001 |
| ● F026R2EB006 | ● F026R3EB006 | ● F026R4EB006 |
| ● F026R2EB012 | ● F026R3EB012 | ● F026R4EB012 |
| ● F026R2EB018 | ● F026R3EB018 | ● F026R4EB018 |
| ● F026R2EB030 | ● F026R3EB030 | ● F026R4EB030 |
| ● F026R2EB033 | ● F026R3EB033 | ● F026R4EB033 |
| Dali | Dali | Dali |
| ○ F026R2ED001 | ○ F026R3ED001 | ○ F026R4ED001 |
| ● F026R2ED006 | ● F026R3ED006 | ● F026R4ED006 |
| ● F026R2ED012 | ● F026R3ED012 | ● F026R4ED012 |
| ● F026R2ED018 | ● F026R3ED018 | ● F026R4ED018 |
| ● F026R2ED030 | ● F026R3ED030 | ● F026R4ED030 |
| ● F026R2ED033 | ● F026R3ED033 | ● F026R4ED033 |



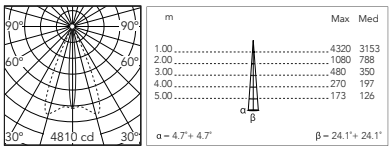

Preliminary photometry

@ 3000K

### Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026R2FA001 | ○ F026R3FA001 | ○ F026R4FA001 |
| ● F026R2FA006 | ● F026R3FA006 | ● F026R4FA006 |
| ● F026R2FA012 | ● F026R3FA012 | ● F026R4FA012 |
| ● F026R2FA018 | ● F026R3FA018 | ● F026R4FA018 |
| ● F026R2FA030 | ● F026R3FA030 | ● F026R4FA030 |
| ● F026R2FA033 | ● F026R3FA033 | ● F026R4FA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026R2FB001 | ○ F026R3FB001 | ○ F026R4FB001 |
| ● F026R2FB006 | ● F026R3FB006 | ● F026R4FB006 |
| ● F026R2FB012 | ● F026R3FB012 | ● F026R4FB012 |
| ● F026R2FB018 | ● F026R3FB018 | ● F026R4FB018 |
| ● F026R2FB030 | ● F026R3FB030 | ● F026R4FB030 |
| ● F026R2FB033 | ● F026R3FB033 | ● F026R4FB033 |
| Dali | Dali | Dali |
| ○ F026R2FD001 | ○ F026R3FD001 | ○ F026R4FD001 |
| ● F026R2FD006 | ● F026R3FD006 | ● F026R4FD006 |
| ● F026R2FD012 | ● F026R3FD012 | ● F026R4FD012 |
| ● F026R2FD018 | ● F026R3FD018 | ● F026R4FD018 |
| ● F026R2FD030 | ● F026R3FD030 | ● F026R4FD030 |
| ● F026R2FD033 | ● F026R3FD033 | ● F026R4FD033 |

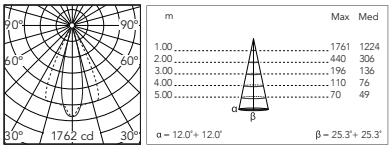



@ 3000K

### Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026R2GA001 | ○ F026R3GA001 | ○ F026R4GA001 |
| ● F026R2GA006 | ● F026R3GA006 | ● F026R4GA006 |
| ● F026R2GA012 | ● F026R3GA012 | ● F026R4GA012 |
| ● F026R2GA018 | ● F026R3GA018 | ● F026R4GA018 |
| ● F026R2GA030 | ● F026R3GA030 | ● F026R4GA030 |
| ● F026R2GA033 | ● F026R3GA033 | ● F026R4GA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026R2GB001 | ○ F026R3GB001 | ○ F026R4GB001 |
| ● F026R2GB006 | ● F026R3GB006 | ● F026R4GB006 |
| ● F026R2GB012 | ● F026R3GB012 | ● F026R4GB012 |
| ● F026R2GB018 | ● F026R3GB018 | ● F026R4GB018 |
| ● F026R2GB030 | ● F026R3GB030 | ● F026R4GB030 |
| ● F026R2GB033 | ● F026R3GB033 | ● F026R4GB033 |
| Dali | Dali | Dali |
| ○ F026R2GD001 | ○ F026R3GD001 | ○ F026R4GD001 |
| ● F026R2GD006 | ● F026R3GD006 | ● F026R4GD006 |
| ● F026R2GD012 | ● F026R3GD012 | ● F026R4GD012 |
| ● F026R2GD018 | ● F026R3GD018 | ● F026R4GD018 |
| ● F026R2GD030 | ● F026R3GD030 | ● F026R4GD030 |
| ● F026R2GD033 | ● F026R3GD033 | ● F026R4GD033 |

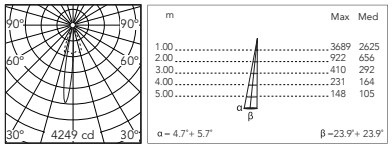



@ 3000K

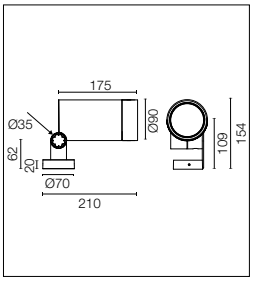
### Optic Wall Washer

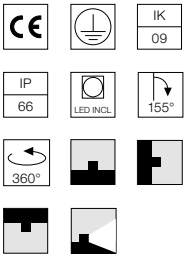
**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026R2HA001 | ○ F026R3HA001 | ○ F026R4HA001 |
| ● F026R2HA006 | ● F026R3HA006 | ● F026R4HA006 |
| ● F026R2HA012 | ● F026R3HA012 | ● F026R4HA012 |
| ● F026R2HA018 | ● F026R3HA018 | ● F026R4HA018 |
| ● F026R2HA030 | ● F026R3HA030 | ● F026R4HA030 |
| ● F026R2HA033 | ● F026R3HA033 | ● F026R4HA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026R2HB001 | ○ F026R3HB001 | ○ F026R4HB001 |
| ● F026R2HB006 | ● F026R3HB006 | ● F026R4HB006 |
| ● F026R2HB012 | ● F026R3HB012 | ● F026R4HB012 |
| ● F026R2HB018 | ● F026R3HB018 | ● F026R4HB018 |
| ● F026R2HB030 | ● F026R3HB030 | ● F026R4HB030 |
| ● F026R2HB033 | ● F026R3HB033 | ● F026R4HB033 |
| Dali | Dali | Dali |
| ○ F026R2HD001 | ○ F026R3HD001 | ○ F026R4HD001 |
| ● F026R2HD006 | ● F026R3HD006 | ● F026R4HD006 |
| ● F026R2HD012 | ● F026R3HD012 | ● F026R4HD012 |
| ● F026R2HD018 | ● F026R3HD018 | ● F026R4HD018 |
| ● F026R2HD030 | ● F026R3HD030 | ● F026R4HD030 |
| ● F026R2HD033 | ● F026R3HD033 | ● F026R4HD033 |




@ 3000K



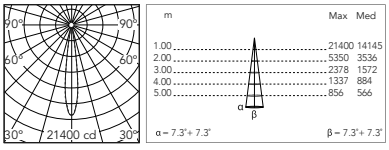

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort: Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Basishalterung für die Montage in L integriert. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Minimum L-shaped mounting support integrated. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

**Optic Spot 14,5°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026S2BA001 | ○ F026S3BA001 | ○ F026S4BA001 |
| ● F026S2BA006 | ● F026S3BA006 | ● F026S4BA006 |
| ● F026S2BA012 | ● F026S3BA012 | ● F026S4BA012 |
| ● F026S2BA018 | ● F026S3BA018 | ● F026S4BA018 |
| ● F026S2BA030 | ● F026S3BA030 | ● F026S4BA030 |
| ● F026S2BA033 | ● F026S3BA033 | ● F026S4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026S2BB001 | ○ F026S3BB001 | ○ F026S4BB001 |
| ● F026S2BB006 | ● F026S3BB006 | ● F026S4BB006 |
| ● F026S2BB012 | ● F026S3BB012 | ● F026S4BB012 |
| ● F026S2BB018 | ● F026S3BB018 | ● F026S4BB018 |
| ● F026S2BB030 | ● F026S3BB030 | ● F026S4BB030 |
| ● F026S2BB033 | ● F026S3BB033 | ● F026S4BB033 |
| Dali | Dali | Dali |
| ○ F026S2BD001 | ○ F026S3BD001 | ○ F026S4BD001 |
| ● F026S2BD006 | ● F026S3BD006 | ● F026S4BD006 |
| ● F026S2BD012 | ● F026S3BD012 | ● F026S4BD012 |
| ● F026S2BD018 | ● F026S3BD018 | ● F026S4BD018 |
| ● F026S2BD030 | ● F026S3BD030 | ● F026S4BD030 |
| ● F026S2BD033 | ● F026S3BD033 | ● F026S4BD033 |

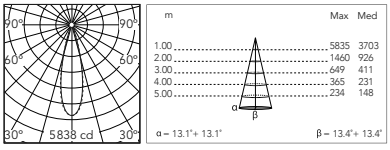



@ 3000K

**Optic Medium Flood 26°**

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026S2CA001 | ○ F026S3CA001 | ○ F026S4CA001 |
| ● F026S2CA006 | ● F026S3CA006 | ● F026S4CA006 |
| ● F026S2CA012 | ● F026S3CA012 | ● F026S4CA012 |
| ● F026S2CA018 | ● F026S3CA018 | ● F026S4CA018 |
| ● F026S2CA030 | ● F026S3CA030 | ● F026S4CA030 |
| ● F026S2CA033 | ● F026S3CA033 | ● F026S4CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026S2CB001 | ○ F026S3CB001 | ○ F026S4CB001 |
| ● F026S2CB006 | ● F026S3CB006 | ● F026S4CB006 |
| ● F026S2CB012 | ● F026S3CB012 | ● F026S4CB012 |
| ● F026S2CB018 | ● F026S3CB018 | ● F026S4CB018 |
| ● F026S2CB030 | ● F026S3CB030 | ● F026S4CB030 |
| ● F026S2CB033 | ● F026S3CB033 | ● F026S4CB033 |
| Dali | Dali | Dali |
| ○ F026S2CD001 | ○ F026S3CD001 | ○ F026S4CD001 |
| ● F026S2CD006 | ● F026S3CD006 | ● F026S4CD006 |
| ● F026S2CD012 | ● F026S3CD012 | ● F026S4CD012 |
| ● F026S2CD018 | ● F026S3CD018 | ● F026S4CD018 |
| ● F026S2CD030 | ● F026S3CD030 | ● F026S4CD030 |
| ● F026S2CD033 | ● F026S3CD033 | ● F026S4CD033 |



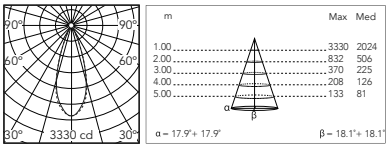

@ 3000K

## Spine L 2 Ultra Hp

### Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026S2DA001 | ○ F026S3DA001 | ○ F026S4DA001 |
| ● F026S2DA006 | ● F026S3DA006 | ● F026S4DA006 |
| ● F026S2DA012 | ● F026S3DA012 | ● F026S4DA012 |
| ● F026S2DA018 | ● F026S3DA018 | ● F026S4DA018 |
| ● F026S2DA030 | ● F026S3DA030 | ● F026S4DA030 |
| ● F026S2DA033 | ● F026S3DA033 | ● F026S4DA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026S2DB001 | ○ F026S3DB001 | ○ F026S4DB001 |
| ● F026S2DB006 | ● F026S3DB006 | ● F026S4DB006 |
| ● F026S2DB012 | ● F026S3DB012 | ● F026S4DB012 |
| ● F026S2DB018 | ● F026S3DB018 | ● F026S4DB018 |
| ● F026S2DB030 | ● F026S3DB030 | ● F026S4DB030 |
| ● F026S2DB033 | ● F026S3DB033 | ● F026S4DB033 |
| Dali | Dali | Dali |
| ○ F026S2DD001 | ○ F026S3DD001 | ○ F026S4DD001 |
| ● F026S2DD006 | ● F026S3DD006 | ● F026S4DD006 |
| ● F026S2DD012 | ● F026S3DD012 | ● F026S4DD012 |
| ● F026S2DD018 | ● F026S3DD018 | ● F026S4DD018 |
| ● F026S2DD030 | ● F026S3DD030 | ● F026S4DD030 |
| ● F026S2DD033 | ● F026S3DD033 | ● F026S4DD033 |

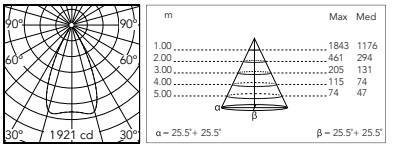



@ 3000K

### Optic Wide Flood 51° - Available Soon

**Power Led:** 17W - 1739 lm ≠ FIXT 1272 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1319 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1366 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026S2EA001 | ○ F026S3EA001 | ○ F026S4EA001 |
| ● F026S2EA006 | ● F026S3EA006 | ● F026S4EA006 |
| ● F026S2EA012 | ● F026S3EA012 | ● F026S4EA012 |
| ● F026S2EA018 | ● F026S3EA018 | ● F026S4EA018 |
| ● F026S2EA030 | ● F026S3EA030 | ● F026S4EA030 |
| ● F026S2EA033 | ● F026S3EA033 | ● F026S4EA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026S2EB001 | ○ F026S3EB001 | ○ F026S4EB001 |
| ● F026S2EB006 | ● F026S3EB006 | ● F026S4EB006 |
| ● F026S2EB012 | ● F026S3EB012 | ● F026S4EB012 |
| ● F026S2EB018 | ● F026S3EB018 | ● F026S4EB018 |
| ● F026S2EB030 | ● F026S3EB030 | ● F026S4EB030 |
| ● F026S2EB033 | ● F026S3EB033 | ● F026S4EB033 |
| Dali | Dali | Dali |
| ○ F026S2ED001 | ○ F026S3ED001 | ○ F026S4ED001 |
| ● F026S2ED006 | ● F026S3ED006 | ● F026S4ED006 |
| ● F026S2ED012 | ● F026S3ED012 | ● F026S4ED012 |
| ● F026S2ED018 | ● F026S3ED018 | ● F026S4ED018 |
| ● F026S2ED030 | ● F026S3ED030 | ● F026S4ED030 |
| ● F026S2ED033 | ● F026S3ED033 | ● F026S4ED033 |



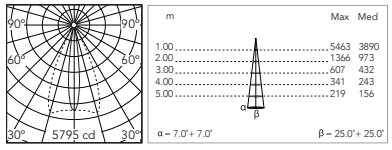

Preliminary photometry

@ 3000K

### Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F026S2FA001 | ○ F026S3FA001 | ○ F026S4FA001 |
| ● F026S2FA006 | ● F026S3FA006 | ● F026S4FA006 |
| ● F026S2FA012 | ● F026S3FA012 | ● F026S4FA012 |
| ● F026S2FA018 | ● F026S3FA018 | ● F026S4FA018 |
| ● F026S2FA030 | ● F026S3FA030 | ● F026S4FA030 |
| ● F026S2FA033 | ● F026S3FA033 | ● F026S4FA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F026S2FB001 | ○ F026S3FB001 | ○ F026S4FB001 |
| ● F026S2FB006 | ● F026S3FB006 | ● F026S4FB006 |
| ● F026S2FB012 | ● F026S3FB012 | ● F026S4FB012 |
| ● F026S2FB018 | ● F026S3FB018 | ● F026S4FB018 |
| ● F026S2FB030 | ● F026S3FB030 | ● F026S4FB030 |
| ● F026S2FB033 | ● F026S3FB033 | ● F026S4FB033 |
| Dali | Dali | Dali |
| ○ F026S2FD001 | ○ F026S3FD001 | ○ F026S4FD001 |
| ● F026S2FD006 | ● F026S3FD006 | ● F026S4FD006 |
| ● F026S2FD012 | ● F026S3FD012 | ● F026S4FD012 |
| ● F026S2FD018 | ● F026S3FD018 | ● F026S4FD018 |
| ● F026S2FD030 | ● F026S3FD030 | ● F026S4FD030 |
| ● F026S2FD033 | ● F026S3FD033 | ● F026S4FD033 |




@ 3000K

### Optic Elliptical 2 25° x 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026S2GA001
- F026S2GA006
- F026S2GA012
- F026S2GA018
- F026S2GA030
- F026S2GA033

1-10V

- F026S2GB001
- F026S2GB006
- F026S2GB012
- F026S2GB018
- F026S2GB030
- F026S2GB033

Dali

- F026S2GD001
- F026S2GD006
- F026S2GD012
- F026S2GD018
- F026S2GD030
- F026S2GD033

**3000K**

Non Dimmable

- F026S3GA001
- F026S3GA006
- F026S3GA012
- F026S3GA018
- F026S3GA030
- F026S3GA033

1-10V

- F026S3GB001
- F026S3GB006
- F026S3GB012
- F026S3GB018
- F026S3GB030
- F026S3GB033

Dali

- F026S3GD001
- F026S3GD006
- F026S3GD012
- F026S3GD018
- F026S3GD030
- F026S3GD033

**4000K**

Non Dimmable

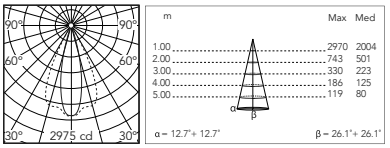
- F026S4GA001
- F026S4GA006
- F026S4GA012
- F026S4GA018
- F026S4GA030
- F026S4GA033

1-10V

- F026S4GB001
- F026S4GB006
- F026S4GB012
- F026S4GB018
- F026S4GB030
- F026S4GB033

Dali

- F026S4GD001
- F026S4GD006
- F026S4GD012
- F026S4GD018
- F026S4GD030
- F026S4GD033




@ 3000K

### Optic Wall Washer

**Power Led:** 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F026S2HA001
- F026S2HA006
- F026S2HA012
- F026S2HA018
- F026S2HA030
- F026S2HA033

1-10V

- F026S2HB001
- F026S2HB006
- F026S2HB012
- F026S2HB018
- F026S2HB030
- F026S2HB033

Dali

- F026S2HD001
- F026S2HD006
- F026S2HD012
- F026S2HD018
- F026S2HD030
- F026S2HD033

**3000K**

Non Dimmable

- F026S3HA001
- F026S3HA006
- F026S3HA012
- F026S3HA018
- F026S3HA030
- F026S3HA033

1-10V

- F026S3HB001
- F026S3HB006
- F026S3HB012
- F026S3HB018
- F026S3HB030
- F026S3HB033

Dali

- F026S3HD001
- F026S3HD006
- F026S3HD012
- F026S3HD018
- F026S3HD030
- F026S3HD033

**4000K**

Non Dimmable

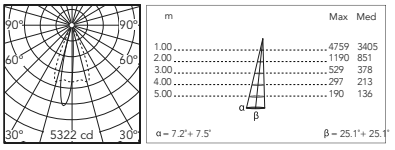
- F026S4HA001
- F026S4HA006
- F026S4HA012
- F026S4HA018
- F026S4HA030
- F026S4HA033

1-10V

- F026S4HB001
- F026S4HB006
- F026S4HB012
- F026S4HB018
- F026S4HB030
- F026S4HB033

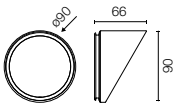
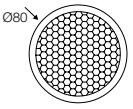
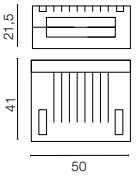
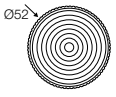
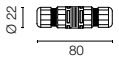
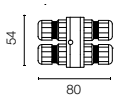
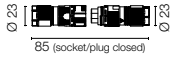
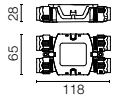
Dali

- F026S4HD001
- F026S4HD006
- F026S4HD012
- F026S4HD018
- F026S4HD030
- F026S4HD033

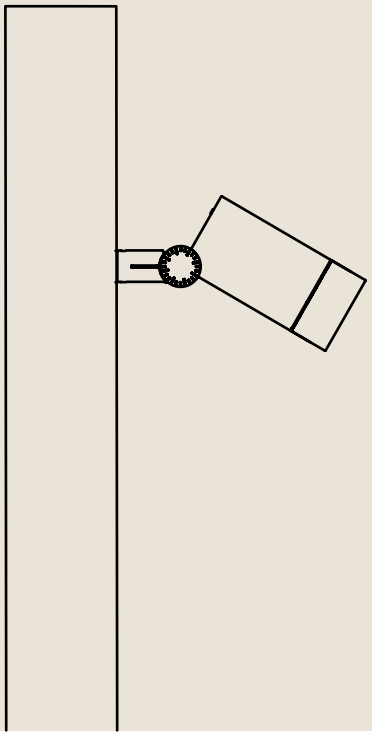



@ 3000K

## Spine L 2 Ultra: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Viewer | Visor | ○ F026Z050001<br>● F026Z050006<br>● F026Z050012<br>● F026Z050018<br>● F026Z050030<br>● F026Z050033 | |  |
| Honeycomb | Honeycomb Louvre | F026Z060000 | |  |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | F990C110000 | |  |
| Konverterlinse / Converter lenses:<br>- Converter Spine 2 Optic Medium Flood<br>- Converter Spine 2 Optic Flood<br>- Converter Spine 2 Optic Wide Flood (Available soon)<br>- Converter Spine 2 Optic Elliptic 1<br>- Converter Spine 2 Optic Elliptic 2<br>- Converter Spine 2 Optic Wall Washer | | <br>F029Z020000<br>F029Z021000<br>F029Z022000<br>F029Z023000<br>F029Z024000<br>F029Z025000 | |  |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |  |
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 | |  |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 | |  |

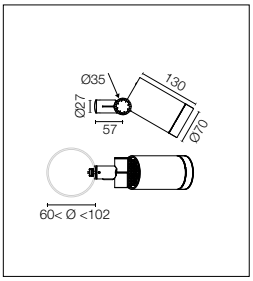
# Spine T

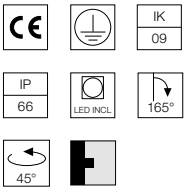


Für komplexe Lichtszenen und die Kombination mehrerer Strahler in einer einzigen Kolonne wurde ein spezielles Verbindungselement zur Stangenmontage entwickelt.

A special pole connection has been designed for product installation on poles to manage complex light scenes and mix multiple projectors in one single column.

## Spine T 1 Absolute



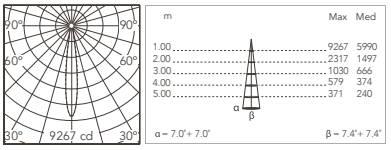

Integrierte COB-LED-Lichtquelle. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.
Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

LED COB light source integrated. Integrated electric power supply 220-240V ON/OFF. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

**Optic Spot 15°**

**CoB Led:** 11W - 1247 lm ≠ FIXT 923 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 982 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 1011 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02502BA001 | ○ F02503BA001 | ○ F02504BA001 |
| ● F02502BA006 | ● F02503BA006 | ● F02504BA006 |
| ● F02502BA012 | ● F02503BA012 | ● F02504BA012 |
| ● F02502BA018 | ● F02503BA018 | ● F02504BA018 |
| ● F02502BA030 | ● F02503BA030 | ● F02504BA030 |
| ● F02502BA033 | ● F02503BA033 | ● F02504BA033 |

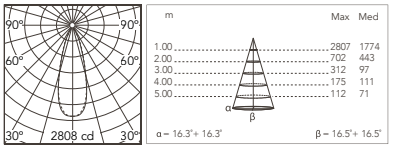



@ 3000K

**Optic Medium Flood 33°**

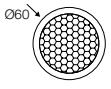
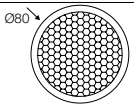
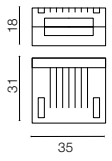
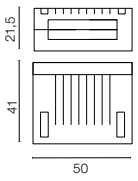
**CoB Led:** 11W - 1247 lm ≠ FIXT 906 lm - 2700K/CRI 80 - 220-240V / 11W - 1325 lm ≠ FIXT 964 lm - 3000K/CRI 80 - 220-240V / 11W - 1364 lm ≠ FIXT 993 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02502CA001 | ○ F02503CA001 | ○ F02504CA001 |
| ● F02502CA006 | ● F02503CA006 | ● F02504CA006 |
| ● F02502CA012 | ● F02503CA012 | ● F02504CA012 |
| ● F02502CA018 | ● F02503CA018 | ● F02504CA018 |
| ● F02502CA030 | ● F02503CA030 | ● F02504CA030 |
| ● F02502CA033 | ● F02503CA033 | ● F02504CA033 |

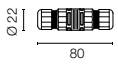
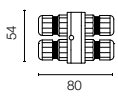


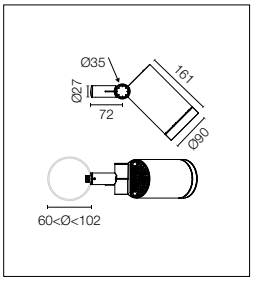

@ 3000K

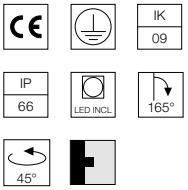
## Spine T 1 / T 2 Absolute: Absolute: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Honeycomb | Honeycomb Louvre | Spine T 1<br>F025Z060000 | |  |
| Honeycomb | Honeycomb Louvre | Spine T 2<br>F026Z060000 | |  |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | Spine T 1<br>F990C100000 | |  |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | Spine T 2<br>F990C110000 | |  |

## Spine T 1 / T 2 Absolute: Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

| | | | | |
|---|---|---|---|---|
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |  |



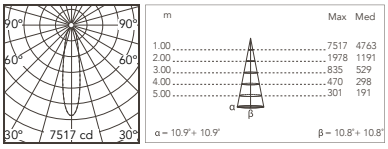

Integrierte COB-LED-Lichtquelle. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

LED COB light source integrated. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

**Optic Spot 22°**

**CoB Led:** 19,5W - 2197 lm ≠ FIXT 1939 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2085 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2120 lm - 4000K/CRI 80 - 220-240V

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02602BA001 | ○ F02603BA001 | ○ F02604BA001 |
| ● F02602BA006 | ● F02603BA006 | ● F02604BA006 |
| ● F02602BA012 | ● F02603BA012 | ● F02604BA012 |
| ● F02602BA018 | ● F02603BA018 | ● F02604BA018 |
| ● F02602BA030 | ● F02603BA030 | ● F02604BA030 |
| ● F02602BA033 | ● F02603BA033 | ● F02604BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02602BB001 | ○ F02603BB001 | ○ F02604BB001 |
| ● F02602BB006 | ● F02603BB006 | ● F02604BB006 |
| ● F02602BB012 | ● F02603BB012 | ● F02604BB012 |
| ● F02602BB018 | ● F02603BB018 | ● F02604BB018 |
| ● F02602BB030 | ● F02603BB030 | ● F02604BB030 |
| ● F02602BB033 | ● F02603BB033 | ● F02604BB033 |
| Dali | Dali | Dali |
| ○ F02602BD001 | ○ F02603BD001 | ○ F02604BD001 |
| ● F02602BD006 | ● F02603BD006 | ● F02604BD006 |
| ● F02602BD012 | ● F02603BD012 | ● F02604BD012 |
| ● F02602BD018 | ● F02603BD018 | ● F02604BD018 |
| ● F02602BD030 | ● F02603BD030 | ● F02604BD030 |
| ● F02602BD033 | ● F02603BD033 | ● F02604BD033 |

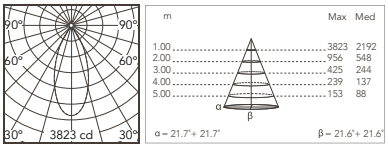



@ 3000K

**Optic Medium Flood 43°**

**CoB Led:** 19,5W - 2197 lm ≠ FIXT 2026 lm - 2700K/CRI 80 - 220-240V / 19,5W - 2367 lm ≠ FIXT 2178 lm - 3000K/CRI 80 - 220-240V / 19,5W - 2497 lm ≠ FIXT 2298 lm - 4000K/CRI 80 - 220-240V

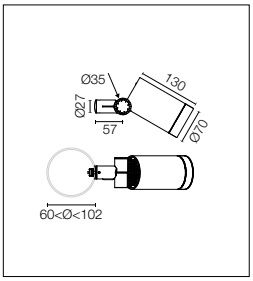
| **2700K** | **3000K** | **4000K** |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02602CA001 | ○ F02603CA001 | ○ F02604CA001 |
| ● F02602CA006 | ● F02603CA006 | ● F02604CA006 |
| ● F02602CA012 | ● F02603CA012 | ● F02604CA012 |
| ● F02602CA018 | ● F02603CA018 | ● F02604CA018 |
| ● F02602CA030 | ● F02603CA030 | ● F02604CA030 |
| ● F02602CA033 | ● F02603CA033 | ● F02604CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02602CB001 | ○ F02603CB001 | ○ F02604CB001 |
| ● F02602CB006 | ● F02603CB006 | ● F02604CB006 |
| ● F02602CB012 | ● F02603CB012 | ● F02604CB012 |
| ● F02602CB018 | ● F02603CB018 | ● F02604CB018 |
| ● F02602CB030 | ● F02603CB030 | ● F02604CB030 |
| ● F02602CB033 | ● F02603CB033 | ● F02604CB033 |
| Dali | Dali | Dali |
| ○ F02602CD001 | ○ F02603CD001 | ○ F02604CD001 |
| ● F02602CD006 | ● F02603CD006 | ● F02604CD006 |
| ● F02602CD012 | ● F02603CD012 | ● F02604CD012 |
| ● F02602CD018 | ● F02603CD018 | ● F02604CD018 |
| ● F02602CD030 | ● F02603CD030 | ● F02604CD030 |
| ● F02602CD033 | ● F02603CD033 | ● F02604CD033 |

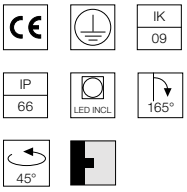



@ 3000K

## Spine T 2 Absolute: Zubehör für dimmbare Versionen / Accessories for dimmable versions

| | | | |
|---|---|---|---|
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 | |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 | |



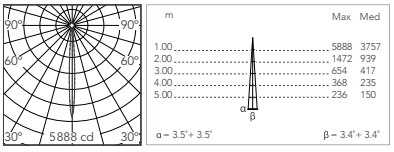

Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.
Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Narrow Spot 7°

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02552AA001 | ○ F02553AA001 | ○ F02554AA001 |
| ● F02552AA006 | ● F02553AA006 | ● F02554AA006 |
| ● F02552AA012 | ● F02553AA012 | ● F02554AA012 |
| ● F02552AA018 | ● F02553AA018 | ● F02554AA018 |
| ● F02552AA030 | ● F02553AA030 | ● F02554AA030 |
| ● F02552AA033 | ● F02553AA033 | ● F02554AA033 |

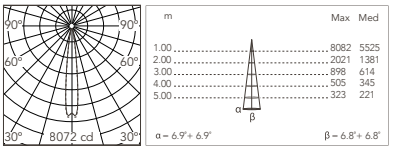



@ 3000K

### Optic Spot 14°

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02552BA001 | ○ F02553BA001 | ○ F02554BA001 |
| ● F02552BA006 | ● F02553BA006 | ● F02554BA006 |
| ● F02552BA012 | ● F02553BA012 | ● F02554BA012 |
| ● F02552BA018 | ● F02553BA018 | ● F02554BA018 |
| ● F02552BA030 | ● F02553BA030 | ● F02554BA030 |
| ● F02552BA033 | ● F02553BA033 | ● F02554BA033 |

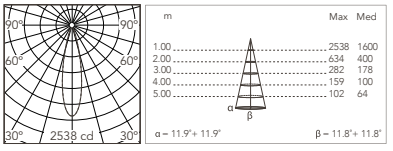



@ 3000K

### Optic Medium Flood 24,5°

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02552CA001 | ○ F02553CA001 | ○ F02554CA001 |
| ● F02552CA006 | ● F02553CA006 | ● F02554CA006 |
| ● F02552CA012 | ● F02553CA012 | ● F02554CA012 |
| ● F02552CA018 | ● F02553CA018 | ● F02554CA018 |
| ● F02552CA030 | ● F02553CA030 | ● F02554CA030 |
| ● F02552CA033 | ● F02553CA033 | ● F02554CA033 |

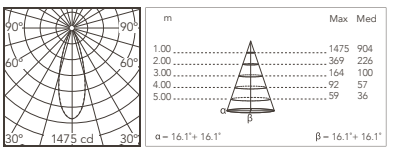



@ 3000K

### Optic Flood 32°

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02552DA001 | ○ F02553DA001 | ○ F02554DA001 |
| ● F02552DA006 | ● F02553DA006 | ● F02554DA006 |
| ● F02552DA012 | ● F02553DA012 | ● F02554DA012 |
| ● F02552DA018 | ● F02553DA018 | ● F02554DA018 |
| ● F02552DA030 | ● F02553DA030 | ● F02554DA030 |
| ● F02552DA033 | ● F02553DA033 | ● F02554DA033 |

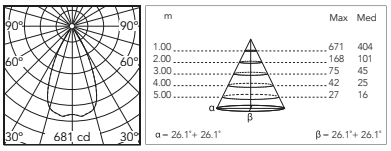



@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 7,9W - 671 lm ≠ FIXT 472 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 507 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F02552EA001 | F02553EA001 | F02554EA001 |
| F02552EA006 | F02553EA006 | F02554EA006 |
| F02552EA012 | F02553EA012 | F02554EA012 |
| F02552EA018 | F02553EA018 | F02554EA018 |
| F02552EA030 | F02553EA030 | F02554EA030 |
| F02552EA033 | F02553EA033 | F02554EA033 |



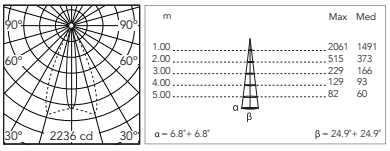

Preliminary photometry

@ 3000K

### Optic Elliptical 1 13,5° x 50°

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F02552FA001 | F02553FA001 | F02554FA001 |
| F02552FA006 | F02553FA006 | F02554FA006 |
| F02552FA012 | F02553FA012 | F02554FA012 |
| F02552FA018 | F02553FA018 | F02554FA018 |
| F02552FA030 | F02553FA030 | F02554FA030 |
| F02552FA033 | F02553FA033 | F02554FA033 |

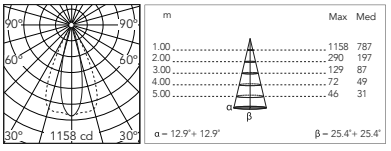



@ 3000K

### Optic Elliptical 2 26° x 51°

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F02552GA001 | F02553GA001 | F02554GA001 |
| F02552GA006 | F02553GA006 | F02554GA006 |
| F02552GA012 | F02553GA012 | F02554GA012 |
| F02552GA018 | F02553GA018 | F02554GA018 |
| F02552GA030 | F02553GA030 | F02554GA030 |
| F02552GA033 | F02553GA033 | F02554GA033 |

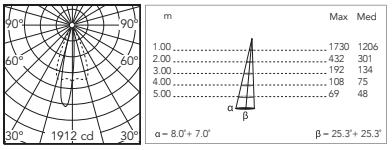



@ 3000K

### Optic Wall Washer

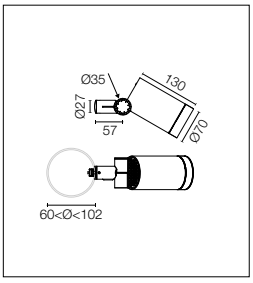
**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

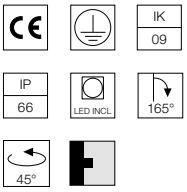
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F02552HA001 | F02553HA001 | F02554HA001 |
| F02552HA006 | F02553HA006 | F02554HA006 |
| F02552HA012 | F02553HA012 | F02554HA012 |
| F02552HA018 | F02553HA018 | F02554HA018 |
| F02552HA030 | F02553HA030 | F02554HA030 |
| F02552HA033 | F02553HA033 | F02554HA033 |




@ 3000K

## Spine T 1 Pro Hp



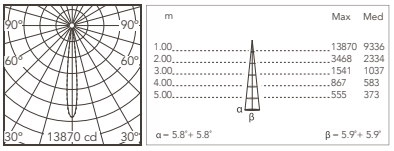

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.
Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Spot 12°

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02562BA001 | ○ F02563BA001 | ○ F02564BA001 |
| ● F02562BA006 | ● F02563BA006 | ● F02564BA006 |
| ● F02562BA012 | ● F02563BA012 | ● F02564BA012 |
| ● F02562BA018 | ● F02563BA018 | ● F02564BA018 |
| ● F02562BA030 | ● F02563BA030 | ● F02564BA030 |
| ● F02562BA033 | ● F02563BA033 | ● F02564BA033 |

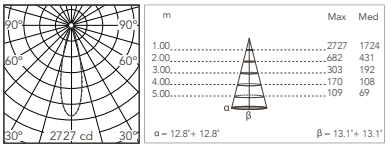



@ 3000K

### Optic Medium Flood 26,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02562CA001 | ○ F02563CA001 | ○ F02564CA001 |
| ● F02562CA006 | ● F02563CA006 | ● F02564CA006 |
| ● F02562CA012 | ● F02563CA012 | ● F02564CA012 |
| ● F02562CA018 | ● F02563CA018 | ● F02564CA018 |
| ● F02562CA030 | ● F02563CA030 | ● F02564CA030 |
| ● F02562CA033 | ● F02563CA033 | ● F02564CA033 |

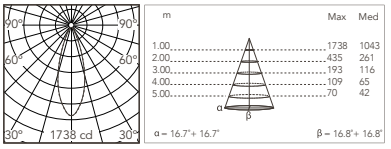



@ 3000K

### Optic Flood 33,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02562DA001 | ○ F02563DA001 | ○ F02564DA001 |
| ● F02562DA006 | ● F02563DA006 | ● F02564DA006 |
| ● F02562DA012 | ● F02563DA012 | ● F02564DA012 |
| ● F02562DA018 | ● F02563DA018 | ● F02564DA018 |
| ● F02562DA030 | ● F02563DA030 | ● F02564DA030 |
| ● F02562DA033 | ● F02563DA033 | ● F02564DA033 |

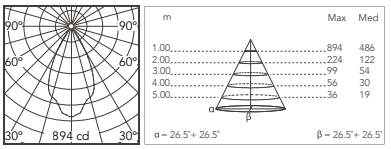



@ 3000K

### Optic Wide Flood 53° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 584 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 642 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02562EA001 | ○ F02563EA001 | ○ F02564EA001 |
| ● F02562EA006 | ● F02563EA006 | ● F02564EA006 |
| ● F02562EA012 | ● F02563EA012 | ● F02564EA012 |
| ● F02562EA018 | ● F02563EA018 | ● F02564EA018 |
| ● F02562EA030 | ● F02563EA030 | ● F02564EA030 |
| ● F02562EA033 | ● F02563EA033 | ● F02564EA033 |




Preliminary photometry

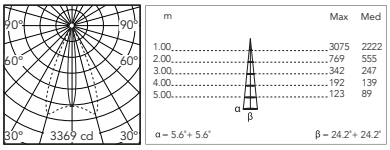
@ 3000K

## Spine T 1 Pro Hp

**Optic Elliptical 1 11,5° x 49°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02562FA001 | ○ F02563FA001 | ○ F02564FA001 |
| ● F02562FA006 | ● F02563FA006 | ● F02564FA006 |
| ● F02562FA012 | ● F02563FA012 | ● F02564FA012 |
| ● F02562FA018 | ● F02563FA018 | ● F02564FA018 |
| ● F02562FA030 | ● F02563FA030 | ● F02564FA030 |
| ● F02562FA033 | ● F02563FA033 | ● F02564FA033 |

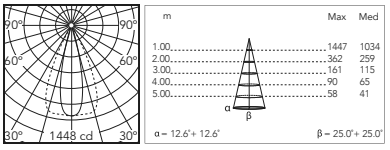



@ 3000K

**Optic Elliptical 2 25,5° x 50°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02562GA001 | ○ F02563GA001 | ○ F02564GA001 |
| ● F02562GA006 | ● F02563GA006 | ● F02564GA006 |
| ● F02562GA012 | ● F02563GA012 | ● F02564GA012 |
| ● F02562GA018 | ● F02563GA018 | ● F02564GA018 |
| ● F02562GA030 | ● F02563GA030 | ● F02564GA030 |
| ● F02562GA033 | ● F02563GA033 | ● F02564GA033 |

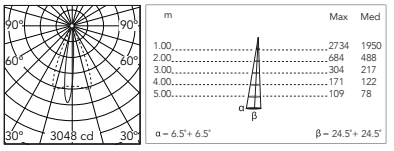



@ 3000K

**Optic Wall Washer**

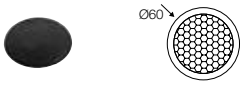
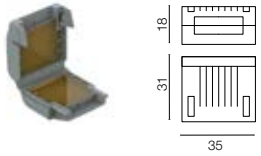
**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02562HA001 | ○ F02563HA001 | ○ F02564HA001 |
| ● F02562HA006 | ● F02563HA006 | ● F02564HA006 |
| ● F02562HA012 | ● F02563HA012 | ● F02564HA012 |
| ● F02562HA018 | ● F02563HA018 | ● F02564HA018 |
| ● F02562HA030 | ● F02563HA030 | ● F02564HA030 |
| ● F02562HA033 | ● F02563HA033 | ● F02564HA033 |

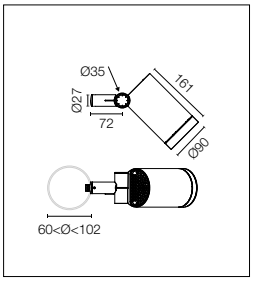


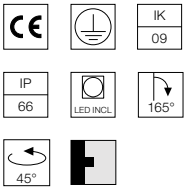

@ 3000K

## Spine T 1 Pro: Zubehörteile / Accessories

| | | | |
|---|---|---|---|
| Honeycomb | Honeycomb Louvre | F025Z060000 |   |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | F990C100000 |   |
| Konverterlinse / Converter lenses:<br>- Converter Spine 1 Optic Medium Flood<br>- Converter Spine 1 Optic Flood<br>- Converter Spine 1 Optic Wide Flood (Available soon)<br>- Converter Spine 1 Optic Elliptic 1<br>- Converter Spine 1 Optic Elliptic 2<br>- Converter Spine 1 Optic Wall Washer | | F029Z010000<br>F029Z011000<br>F029Z012000<br>F029Z013000<br>F029Z014000<br>F029Z015000 | |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |

## Spine T 2 Pro




Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Power LED source included. Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

### Optic Narrow Spot 6°

**Power Led:** 4,1W - 248 lm ≠ FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm ≠ FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm ≠ FIXT 247 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ F02652AA001
- ● F02652AA006
- ● F02652AA012
- ● F02652AA018
- ● F02652AA030
- ● F02652AA033

1-10V
- ○ F02652AB001
- ● F02652AB006
- ● F02652AB012
- ● F02652AB018
- ● F02652AB030
- ● F02652AB033

Dali
- ○ F02652AD001
- ● F02652AD006
- ● F02652AD012
- ● F02652AD018
- ● F02652AD030
- ● F02652AD033

**3000K**

Non Dimmable
- ○ F02653AA001
- ● F02653AA006
- ● F02653AA012
- ● F02653AA018
- ● F02653AA030
- ● F02653AA033

1-10V
- ○ F02653AB001
- ● F02653AB006
- ● F02653AB012
- ● F02653AB018
- ● F02653AB030
- ● F02653AB033

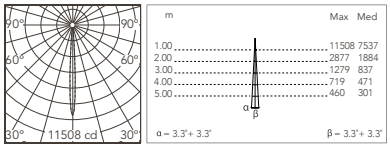
Dali
- ○ F02653AD001
- ● F02653AD006
- ● F02653AD012
- ● F02653AD018
- ● F02653AD030
- ● F02653AD033

**4000K**

Non Dimmable
- ○ F02654AA001
- ● F02654AA006
- ● F02654AA012
- ● F02654AA018
- ● F02654AA030
- ● F02654AA033

1-10V
- ○ F02654AB001
- ● F02654AB006
- ● F02654AB012
- ● F02654AB018
- ● F02654AB030
- ● F02654AB033

Dali
- ○ F02654AD001
- ● F02654AD006
- ● F02654AD012
- ● F02654AD018
- ● F02654AD030
- ● F02654AD033




@ 3000K

### Optic Spot 9,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 769 lm - 2700K/CRI 80 - 220-240Vv / 10,5W - 966 lm ≠ FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 846 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ F02652BA001
- ● F02652BA006
- ● F02652BA012
- ● F02652BA018
- ● F02652BA030
- ● F02652BA033

1-10V
- ○ F02652BB001
- ● F02652BB006
- ● F02652BB012
- ● F02652BB018
- ● F02652BB030
- ● F02652BB033

Dali
- ○ F02652BD001
- ● F02652BD006
- ● F02652BD012
- ● F02652BD018
- ● F02652BD030
- ● F02652BD033

**3000K**

Non Dimmable
- ○ F02653BA001
- ● F02653BA006
- ● F02653BA012
- ● F02653BA018
- ● F02653BA030
- ● F02653BA033

1-10V
- ○ F02653BB001
- ● F02653BB006
- ● F02653BB012
- ● F02653BB018
- ● F02653BB030
- ● F02653BB033

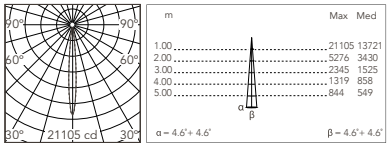
Dali
- ○ F02653BD001
- ● F02653BD006
- ● F02653BD012
- ● F02653BD018
- ● F02653BD030
- ● F02653BD033

**4000K**

Non Dimmable
- ○ F02654BA001
- ● F02654BA006
- ● F02654BA012
- ● F02654BA018
- ● F02654BA030
- ● F02654BA033

1-10V
- ○ F02654BB001
- ● F02654BB006
- ● F02654BB012
- ● F02654BB018
- ● F02654BB030
- ● F02654BB033

Dali
- ○ F02654BD001
- ● F02654BD006
- ● F02654BD012
- ● F02654BD018
- ● F02654BD030
- ● F02654BD033

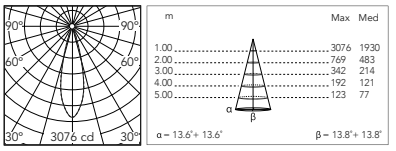



@ 3000K

### Optic Medium Flood 28°

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F02652CA001 | F02653CA001 | F02654CA001 |
| F02652CA006 | F02653CA006 | F02654CA006 |
| F02652CA012 | F02653CA012 | F02654CA012 |
| F02652CA018 | F02653CA018 | F02654CA018 |
| F02652CA030 | F02653CA030 | F02654CA030 |
| F02652CA033 | F02653CA033 | F02654CA033 |
| 1-10V | 1-10V | 1-10V |
| F02652CB001 | F02653CB001 | F02654CB001 |
| F02652CB006 | F02653CB006 | F02654CB006 |
| F02652CB012 | F02653CB012 | F02654CB012 |
| F02652CB018 | F02653CB018 | F02654CB018 |
| F02652CB030 | F02653CB030 | F02654CB030 |
| F02652CB033 | F02653CB033 | F02654CB033 |
| Dali | Dali | Dali |
| F02652CD001 | F02653CD001 | F02654CD001 |
| F02652CD006 | F02653CD006 | F02654CD006 |
| F02652CD012 | F02653CD012 | F02654CD012 |
| F02652CD018 | F02653CD018 | F02654CD018 |
| F02652CD030 | F02653CD030 | F02654CD030 |
| F02652CD033 | F02653CD033 | F02654CD033 |

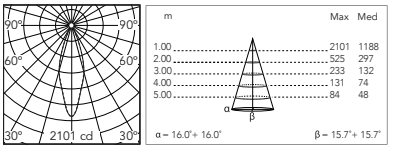



@ 3000K

### Optic Flood 33°

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F02652DA001 | F02653DA001 | F02654DA001 |
| F02652DA006 | F02653DA006 | F02654DA006 |
| F02652DA012 | F02653DA012 | F02654DA012 |
| F02652DA018 | F02653DA018 | F02654DA018 |
| F02652DA030 | F02653DA030 | F02654DA030 |
| F02652DA033 | F02653DA033 | F02654DA033 |
| 1-10V | 1-10V | 1-10V |
| F02652DB001 | F02653DB001 | F02654DB001 |
| F02652DB006 | F02653DB006 | F02654DB006 |
| F02652DB012 | F02653DB012 | F02654DB012 |
| F02652DB018 | F02653DB018 | F02654DB018 |
| F02652DB030 | F02653DB030 | F02654DB030 |
| F02652DB033 | F02653DB033 | F02654DB033 |
| Dali | Dali | Dali |
| F02652DD001 | F02653DD001 | F02654DD001 |
| F02652DD006 | F02653DD006 | F02654DD006 |
| F02652DD012 | F02653DD012 | F02654DD012 |
| F02652DD018 | F02653DD018 | F02654DD018 |
| F02652DD030 | F02653DD030 | F02654DD030 |
| F02652DD033 | F02653DD033 | F02654DD033 |

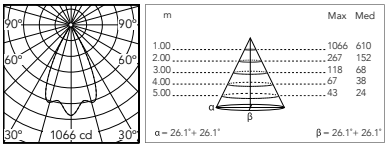



@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 677 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 711 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 745 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F02652EA001 | F02653EA001 | F02654EA001 |
| F02652EA006 | F02653EA006 | F02654EA006 |
| F02652EA012 | F02653EA012 | F02654EA012 |
| F02652EA018 | F02653EA018 | F02654EA018 |
| F02652EA030 | F02653EA030 | F02654EA030 |
| F02652EA033 | F02653EA033 | F02654EA033 |
| 1-10V | 1-10V | 1-10V |
| F02652EB001 | F02653EB001 | F02654EB001 |
| F02652EB006 | F02653EB006 | F02654EB006 |
| F02652EB012 | F02653EB012 | F02654EB012 |
| F02652EB018 | F02653EB018 | F02654EB018 |
| F02652EB030 | F02653EB030 | F02654EB030 |
| F02652EB033 | F02653EB033 | F02654EB033 |
| Dali | Dali | Dali |
| F02652ED001 | F02653ED001 | F02654ED001 |
| F02652ED006 | F02653ED006 | F02654ED006 |
| F02652ED012 | F02653ED012 | F02654ED012 |
| F02652ED018 | F02653ED018 | F02654ED018 |
| F02652ED030 | F02653ED030 | F02654ED030 |
| F02652ED033 | F02653ED033 | F02654ED033 |



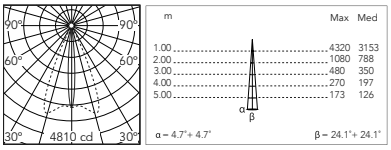

Preliminary photometry

@ 3000K

### Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02652FA001 | ○ F02653FA001 | ○ F02654FA001 |
| F02652FA006 | F02653FA006 | F02654FA006 |
| F02652FA012 | F02653FA012 | F02654FA012 |
| F02652FA018 | F02653FA018 | F02654FA018 |
| F02652FA030 | F02653FA030 | F02654FA030 |
| F02652FA033 | F02653FA033 | F02654FA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02652FB001 | ○ F02653FB001 | ○ F02654FB001 |
| F02652FB006 | F02653FB006 | F02654FB006 |
| F02652FB012 | F02653FB012 | F02654FB012 |
| F02652FB018 | F02653FB018 | F02654FB018 |
| F02652FB030 | F02653FB030 | F02654FB030 |
| F02652FB033 | F02653FB033 | F02654FB033 |
| Dali | Dali | Dali |
| ○ F02652FD001 | ○ F02653FD001 | ○ F02654FD001 |
| F02652FD006 | F02653FD006 | F02654FD006 |
| F02652FD012 | F02653FD012 | F02654FD012 |
| F02652FD018 | F02653FD018 | F02654FD018 |
| F02652FD030 | F02653FD030 | F02654FD030 |
| F02652FD033 | F02653FD033 | F02654FD033 |

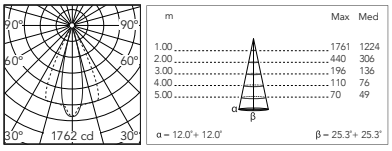



@ 3000K

### Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02652GA001 | ○ F02653GA001 | ○ F02654GA001 |
| F02652GA006 | F02653GA006 | F02654GA006 |
| F02652GA012 | F02653GA012 | F02654GA012 |
| F02652GA018 | F02653GA018 | F02654GA018 |
| F02652GA030 | F02653GA030 | F02654GA030 |
| F02652GA033 | F02653GA033 | F02654GA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02652GB001 | ○ F02653GB001 | ○ F02654GB001 |
| F02652GB006 | F02653GB006 | F02654GB006 |
| F02652GB012 | F02653GB012 | F02654GB012 |
| F02652GB018 | F02653GB018 | F02654GB018 |
| F02652GB030 | F02653GB030 | F02654GB030 |
| F02652GB033 | F02653GB033 | F02654GB033 |
| Dali | Dali | Dali |
| ○ F02652GD001 | ○ F02653GD001 | ○ F02654GD001 |
| F02652GD006 | F02653GD006 | F02654GD006 |
| F02652GD012 | F02653GD012 | F02654GD012 |
| F02652GD018 | F02653GD018 | F02654GD018 |
| F02652GD030 | F02653GD030 | F02654GD030 |
| F02652GD033 | F02653GD033 | F02654GD033 |

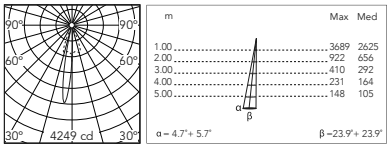



@ 3000K

### Optic Wall Washer

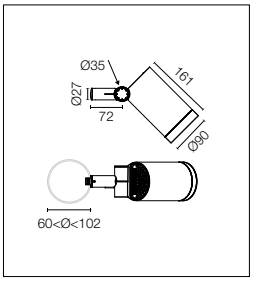
**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

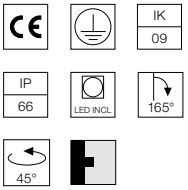
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02652HA001 | ○ F02653HA001 | ○ F02654HA001 |
| F02652HA006 | F02653HA006 | F02654HA006 |
| F02652HA012 | F02653HA012 | F02654HA012 |
| F02652HA018 | F02653HA018 | F02654HA018 |
| F02652HA030 | F02653HA030 | F02654HA030 |
| F02652HA033 | F02653HA033 | F02654HA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02652HB001 | ○ F02653HB001 | ○ F02654HB001 |
| F02652HB006 | F02653HB006 | F02654HB006 |
| F02652HB012 | F02653HB012 | F02654HB012 |
| F02652HB018 | F02653HB018 | F02654HB018 |
| F02652HB030 | F02653HB030 | F02654HB030 |
| F02652HB033 | F02653HB033 | F02654HB033 |
| Dali | Dali | Dali |
| ○ F02652HD001 | ○ F02653HD001 | ○ F02654HD001 |
| F02652HD006 | F02653HD006 | F02654HD006 |
| F02652HD012 | F02653HD012 | F02654HD012 |
| F02652HD018 | F02653HD018 | F02654HD018 |
| F02652HD030 | F02653HD030 | F02654HD030 |
| F02652HD033 | F02653HD033 | F02654HD033 |




@ 3000K

## Spine T 2 Pro Hp



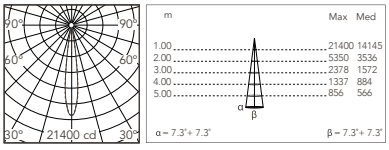

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

### Optic Spot 14,5°

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02662BA001 | ○ F02663BA001 | ○ F02664BA001 |
| ● F02662BA006 | ● F02663BA006 | ● F02664BA006 |
| ● F02662BA012 | ● F02663BA012 | ● F02664BA012 |
| ● F02662BA018 | ● F02663BA018 | ● F02664BA018 |
| ● F02662BA030 | ● F02663BA030 | ● F02664BA030 |
| ● F02662BA033 | ● F02663BA033 | ● F02664BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02662BB001 | ○ F02663BB001 | ○ F02664BB001 |
| ● F02662BB006 | ● F02663BB006 | ● F02664BB006 |
| ● F02662BB012 | ● F02663BB012 | ● F02664BB012 |
| ● F02662BB018 | ● F02663BB018 | ● F02664BB018 |
| ● F02662BB030 | ● F02663BB030 | ● F02664BB030 |
| ● F02662BB033 | ● F02663BB033 | ● F02664BB033 |
| Dali | Dali | Dali |
| ○ F02662BD001 | ○ F02663BD001 | ○ F02664BD001 |
| ● F02662BD006 | ● F02663BD006 | ● F02664BD006 |
| ● F02662BD012 | ● F02663BD012 | ● F02664BD012 |
| ● F02662BD018 | ● F02663BD018 | ● F02664BD018 |
| ● F02662BD030 | ● F02663BD030 | ● F02664BD030 |
| ● F02662BD033 | ● F02663BD033 | ● F02664BD033 |

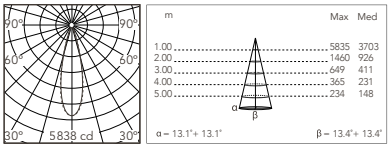



@ 3000K

### Optic Medium Flood 26°

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02662CA001 | ○ F02663CA001 | ○ F02664CA001 |
| ● F02662CA006 | ● F02663CA006 | ● F02664CA006 |
| ● F02662CA012 | ● F02663CA012 | ● F02664CA012 |
| ● F02662CA018 | ● F02663CA018 | ● F02664CA018 |
| ● F02662CA030 | ● F02663CA030 | ● F02664CA030 |
| ● F02662CA033 | ● F02663CA033 | ● F02664CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02662CB001 | ○ F02663CB001 | ○ F02664CB001 |
| ● F02662CB006 | ● F02663CB006 | ● F02664CB006 |
| ● F02662CB012 | ● F02663CB012 | ● F02664CB012 |
| ● F02662CB018 | ● F02663CB018 | ● F02664CB018 |
| ● F02662CB030 | ● F02663CB030 | ● F02664CB030 |
| ● F02662CB033 | ● F02663CB033 | ● F02664CB033 |
| Dali | Dali | Dali |
| ○ F02662CD001 | ○ F02663CD001 | ○ F02664CD001 |
| ● F02662CD006 | ● F02663CD006 | ● F02664CD006 |
| ● F02662CD012 | ● F02663CD012 | ● F02664CD012 |
| ● F02662CD018 | ● F02663CD018 | ● F02664CD018 |
| ● F02662CD030 | ● F02663CD030 | ● F02664CD030 |
| ● F02662CD033 | ● F02663CD033 | ● F02664CD033 |



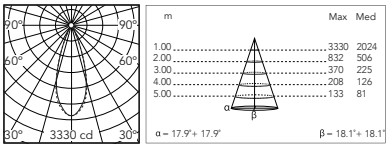

@ 3000K

## Spine T 2 Pro Hp

### Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02662DA001 | ○ F02663DA001 | ○ F02664DA001 |
| ● F02662DA006 | ● F02663DA006 | ● F02664DA006 |
| ● F02662DA012 | ● F02663DA012 | ● F02664DA012 |
| ● F02662DA018 | ● F02663DA018 | ● F02664DA018 |
| ● F02662DA030 | ● F02663DA030 | ● F02664DA030 |
| ● F02662DA033 | ● F02663DA033 | ● F02664DA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02662DB001 | ○ F02663DB001 | ○ F02664DB001 |
| ● F02662DB006 | ● F02663DB006 | ● F02664DB006 |
| ● F02662DB012 | ● F02663DB012 | ● F02664DB012 |
| ● F02662DB018 | ● F02663DB018 | ● F02664DB018 |
| ● F02662DB030 | ● F02663DB030 | ● F02664DB030 |
| ● F02662DB033 | ● F02663DB033 | ● F02664DB033 |
| Dali | Dali | Dali |
| ○ F02662DD001 | ○ F02663DD001 | ○ F02664DD001 |
| ● F02662DD006 | ● F02663DD006 | ● F02664DD006 |
| ● F02662DD012 | ● F02663DD012 | ● F02664DD012 |
| ● F02662DD018 | ● F02663DD018 | ● F02664DD018 |
| ● F02662DD030 | ● F02663DD030 | ● F02664DD030 |
| ● F02662DD033 | ● F02663DD033 | ● F02664DD033 |

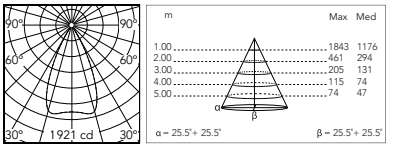



@ 3000K

### Optic Wide Flood 51° - Available Soon

**Power Led:** 17W - 1739 lm ≠ FIXT 1272 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1319 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1366 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02662EA001 | ○ F02663EA001 | ○ F02664EA001 |
| ● F02662EA006 | ● F02663EA006 | ● F02664EA006 |
| ● F02662EA012 | ● F02663EA012 | ● F02664EA012 |
| ● F02662EA018 | ● F02663EA018 | ● F02664EA018 |
| ● F02662EA030 | ● F02663EA030 | ● F02664EA030 |
| ● F02662EA033 | ● F02663EA033 | ● F02664EA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02662EB001 | ○ F02663EB001 | ○ F02664EB001 |
| ● F02662EB006 | ● F02663EB006 | ● F02664EB006 |
| ● F02662EB012 | ● F02663EB012 | ● F02664EB012 |
| ● F02662EB018 | ● F02663EB018 | ● F02664EB018 |
| ● F02662EB030 | ● F02663EB030 | ● F02664EB030 |
| ● F02662EB033 | ● F02663EB033 | ● F02664EB033 |
| Dali | Dali | Dali |
| ○ F02662ED001 | ○ F02663ED001 | ○ F02664ED001 |
| ● F02662ED006 | ● F02663ED006 | ● F02664ED006 |
| ● F02662ED012 | ● F02663ED012 | ● F02664ED012 |
| ● F02662ED018 | ● F02663ED018 | ● F02664ED018 |
| ● F02662ED030 | ● F02663ED030 | ● F02664ED030 |
| ● F02662ED033 | ● F02663ED033 | ● F02664ED033 |



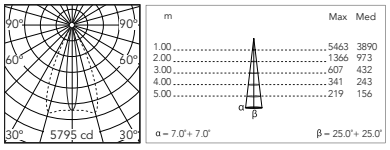

Preliminary photometry

@ 3000K

### Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02662FA001 | ○ F02663FA001 | ○ F02664FA001 |
| ● F02662FA006 | ● F02663FA006 | ● F02664FA006 |
| ● F02662FA012 | ● F02663FA012 | ● F02664FA012 |
| ● F02662FA018 | ● F02663FA018 | ● F02664FA018 |
| ● F02662FA030 | ● F02663FA030 | ● F02664FA030 |
| ● F02662FA033 | ● F02663FA033 | ● F02664FA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02662FB001 | ○ F02663FB001 | ○ F02664FB001 |
| ● F02662FB006 | ● F02663FB006 | ● F02664FB006 |
| ● F02662FB012 | ● F02663FB012 | ● F02664FB012 |
| ● F02662FB018 | ● F02663FB018 | ● F02664FB018 |
| ● F02662FB030 | ● F02663FB030 | ● F02664FB030 |
| ● F02662FB033 | ● F02663FB033 | ● F02664FB033 |
| Dali | Dali | Dali |
| ○ F02662FD001 | ○ F02663FD001 | ○ F02664FD001 |
| ● F02662FD006 | ● F02663FD006 | ● F02664FD006 |
| ● F02662FD012 | ● F02663FD012 | ● F02664FD012 |
| ● F02662FD018 | ● F02663FD018 | ● F02664FD018 |
| ● F02662FD030 | ● F02663FD030 | ● F02664FD030 |
| ● F02662FD033 | ● F02663FD033 | ● F02664FD033 |




@ 3000K

### Optic Elliptical 2 25° x 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ F02662GA001
- F02662GA006
- F02662GA012
- F02662GA018
- F02662GA030
- F02662GA033

1-10V
- ○ F02662GB001
- F02662GB006
- F02662GB012
- F02662GB018
- F02662GB030
- F02662GB033

Dali
- ○ F02662GD001
- F02662GD006
- F02662GD012
- F02662GD018
- F02662GD030
- F02662GD033

**3000K**

Non Dimmable
- ○ F02663GA001
- F02663GA006
- F02663GA012
- F02663GA018
- F02663GA030
- F02663GA033

1-10V
- ○ F02663GB001
- F02663GB006
- F02663GB012
- F02663GB018
- F02663GB030
- F02663GB033

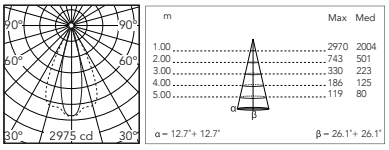
Dali
- ○ F02663GD001
- F02663GD006
- F02663GD012
- F02663GD018
- F02663GD030
- F02663GD033

**4000K**

Non Dimmable
- ○ F02664GA001
- F02664GA006
- F02664GA012
- F02664GA018
- F02664GA030
- F02664GA033

1-10V
- ○ F02664GB001
- F02664GB006
- F02664GB012
- F02664GB018
- F02664GB030
- F02664GB033

Dali
- ○ F02664GD001
- F02664GD006
- F02664GD012
- F02664GD018
- F02664GD030
- F02664GD033




@ 3000K

### Optic Wall Washer

**Power Led:** 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ F02662HA001
- F02662HA006
- F02662HA012
- F02662HA018
- F02662HA030
- F02662HA033

1-10V
- ○ F02662HB001
- F02662HB006
- F02662HB012
- F02662HB018
- F02662HB030
- F02662HB033

Dali
- ○ F02662HD001
- F02662HD006
- F02662HD012
- F02662HD018
- F02662HD030
- F02662HD033

**3000K**

Non Dimmable
- ○ F02663HA001
- F02663HA006
- F02663HA012
- F02663HA018
- F02663HA030
- F02663HA033

1-10V
- ○ F02663HB001
- F02663HB006
- F02663HB012
- F02663HB018
- F02663HB030
- F02663HB033

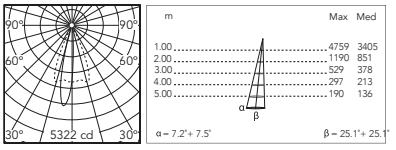
Dali
- ○ F02663HD001
- F02663HD006
- F02663HD012
- F02663HD018
- F02663HD030
- F02663HD033

**4000K**

Non Dimmable
- ○ F02664HA001
- F02664HA006
- F02664HA012
- F02664HA018
- F02664HA030
- F02664HA033

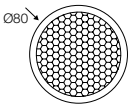
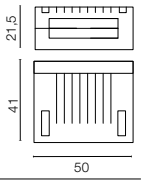
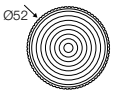
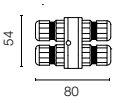
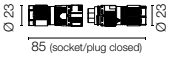
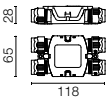
1-10V
- ○ F02664HB001
- F02664HB006
- F02664HB012
- F02664HB018
- F02664HB030
- F02664HB033

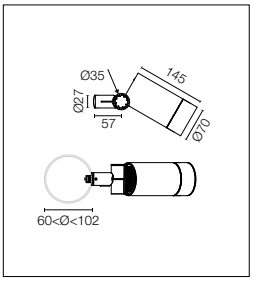
Dali
- ○ F02664HD001
- F02664HD006
- F02664HD012
- F02664HD018
- F02664HD030
- F02664HD033

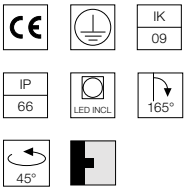



@ 3000K

## Spine T 2 Pro: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Honeycomb | Honeycomb Louvre | F026Z060000 | |  |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | F990C110000 | |  |
| Konverterlinse / Converter lenses:<br>- Converter Spine 2 Optic Medium Flood<br>- Converter Spine 2 Optic Flood<br>- Converter Spine 2 Optic Wide Flood (Available soon)<br>- Converter Spine 2 Optic Elliptic 1<br>- Converter Spine 2 Optic Elliptic 2<br>- Converter Spine 2 Optic Wall Washer | | <br>F029Z020000<br>F029Z021000<br>F029Z022000<br>F029Z023000<br>F029Z024000<br>F029Z025000 | |  |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | | |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |  |
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 | |  |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 | |  |



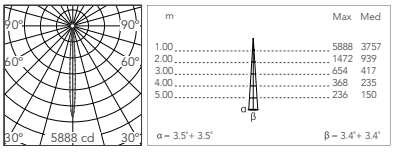

Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen. Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use. Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Narrow Spot 7°

**Power Led:** 3,5W - 168 lm ≠ FIXT 143 lm - 2700K/CRI 80 - 220-240V / 3,5W - 174 lm ≠ FIXT 149 lm - 3000K/CRI 80 - 220-240V / 3,5W - 180 lm ≠ FIXT 154 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02512AA001 | ○ F02513AA001 | ○ F02514AA001 |
| ● F02512AA006 | ● F02513AA006 | ● F02514AA006 |
| ● F02512AA012 | ● F02513AA012 | ● F02514AA012 |
| ● F02512AA018 | ● F02513AA018 | ● F02514AA018 |
| ● F02512AA030 | ● F02513AA030 | ● F02514AA030 |
| ● F02512AA033 | ● F02513AA033 | ● F02514AA033 |

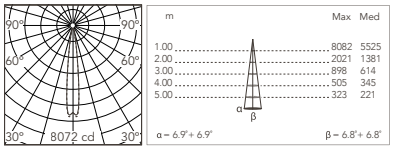



@ 3000K

### Optic Spot 14°

**Power Led:** 7,9W - 671 lm ≠ FIXT 550 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 571 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 591 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02512BA001 | ○ F02513BA001 | ○ F02514BA001 |
| ● F02512BA006 | ● F02513BA006 | ● F02514BA006 |
| ● F02512BA012 | ● F02513BA012 | ● F02514BA012 |
| ● F02512BA018 | ● F02513BA018 | ● F02514BA018 |
| ● F02512BA030 | ● F02513BA030 | ● F02514BA030 |
| ● F02512BA033 | ● F02513BA033 | ● F02514BA033 |

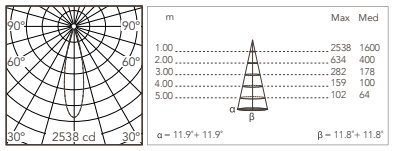



@ 3000K

### Optic Medium Flood 24,5°

**Power Led:** 7,9W - 671 lm ≠ FIXT 499 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 518 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 536 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02512CA001 | ○ F02513CA001 | ○ F02514CA001 |
| ● F02512CA006 | ● F02513CA006 | ● F02514CA006 |
| ● F02512CA012 | ● F02513CA012 | ● F02514CA012 |
| ● F02512CA018 | ● F02513CA018 | ● F02514CA018 |
| ● F02512CA030 | ● F02513CA030 | ● F02514CA030 |
| ● F02512CA033 | ● F02513CA033 | ● F02514CA033 |

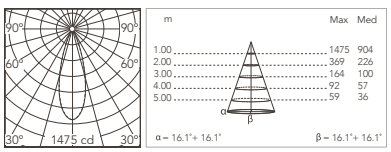



@ 3000K

### Optic Flood 32°

**Power Led:** 7,9W - 671 lm ≠ FIXT 482 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 500 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 518 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02512DA001 | ○ F02513DA001 | ○ F02514DA001 |
| ● F02512DA006 | ● F02513DA006 | ● F02514DA006 |
| ● F02512DA012 | ● F02513DA012 | ● F02514DA012 |
| ● F02512DA018 | ● F02513DA018 | ● F02514DA018 |
| ● F02512DA030 | ● F02513DA030 | ● F02514DA030 |
| ● F02512DA033 | ● F02513DA033 | ● F02514DA033 |

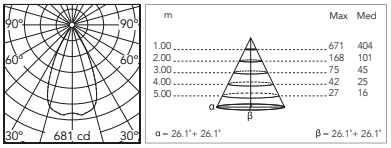



@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 7,9W - 671 lm ≠ FIXT 472 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 490 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 507 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F02512EA001 | F02513EA001 | F02514EA001 |
| F02512EA006 | F02513EA006 | F02514EA006 |
| F02512EA012 | F02513EA012 | F02514EA012 |
| F02512EA018 | F02513EA018 | F02514EA018 |
| F02512EA030 | F02513EA030 | F02514EA030 |
| F02512EA033 | F02513EA033 | F02514EA033 |



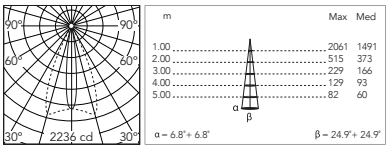

Preliminary photometry

@ 3000K

### Optic Elliptical 1 13,5° x 50°

**Power Led:** 7,9W - 671 lm ≠ FIXT 500 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 519 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 537 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F02512FA001 | F02513FA001 | F02514FA001 |
| F02512FA006 | F02513FA006 | F02514FA006 |
| F02512FA012 | F02513FA012 | F02514FA012 |
| F02512FA018 | F02513FA018 | F02514FA018 |
| F02512FA030 | F02513FA030 | F02514FA030 |
| F02512FA033 | F02513FA033 | F02514FA033 |

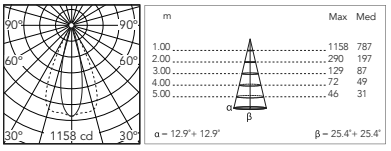



@ 3000K

### Optic Elliptical 2 26° x 51°

**Power Led:** 7,9W - 671 lm ≠ FIXT 487 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 505 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 523 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F02512GA001 | F02513GA001 | F02514GA001 |
| F02512GA006 | F02513GA006 | F02514GA006 |
| F02512GA012 | F02513GA012 | F02514GA012 |
| F02512GA018 | F02513GA018 | F02514GA018 |
| F02512GA030 | F02513GA030 | F02514GA030 |
| F02512GA033 | F02513GA033 | F02514GA033 |

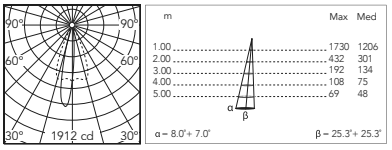



@ 3000K

### Optic Wall Washer

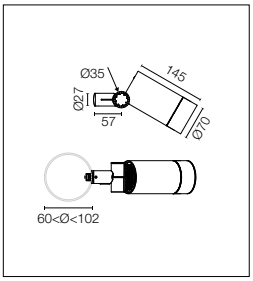
**Power Led:** 7,9W - 671 lm ≠ FIXT 471 lm - 2700K/CRI 80 - 220-240V / 7,9W - 696 lm ≠ FIXT 489 lm - 3000K/CRI 80 - 220-240V / 7,9W - 720 lm ≠ FIXT 506 lm - 4000K/CRI 80 - 220-240V

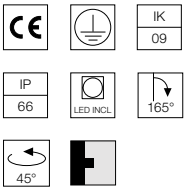
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F02512HA001 | F02513HA001 | F02514HA001 |
| F02512HA006 | F02513HA006 | F02514HA006 |
| F02512HA012 | F02513HA012 | F02514HA012 |
| F02512HA018 | F02513HA018 | F02514HA018 |
| F02512HA030 | F02513HA030 | F02514HA030 |
| F02512HA033 | F02513HA033 | F02514HA033 |




@ 3000K

## Spine T 1 Ultra Hp



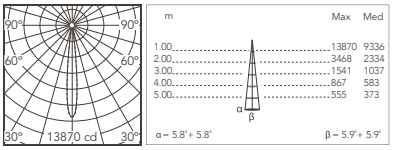

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.
Auf Anfrage in dimmbarer Ausführung, 1-10V oder durch DALI, mit Fernspeisung 24Vdc.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.
Upon request: 1-10V or DALI dimmable version with 24Vdc remote power supply.

### Optic Spot 12°

**Power Led:** 10,5W - 920 lm ≠ FIXT 680 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 706 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 730 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02522BA001 | ○ F02523BA001 | ○ F02524BA001 |
| ● F02522BA006 | ● F02523BA006 | ● F02524BA006 |
| ● F02522BA012 | ● F02523BA012 | ● F02524BA012 |
| ● F02522BA018 | ● F02523BA018 | ● F02524BA018 |
| ● F02522BA030 | ● F02523BA030 | ● F02524BA030 |
| ● F02522BA033 | ● F02523BA033 | ● F02524BA033 |

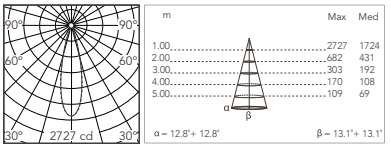



@ 3000K

### Optic Medium Flood 26,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 594 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 630 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 654 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02522CA001 | ○ F02523CA001 | ○ F02524CA001 |
| ● F02522CA006 | ● F02523CA006 | ● F02524CA006 |
| ● F02522CA012 | ● F02523CA012 | ● F02524CA012 |
| ● F02522CA018 | ● F02523CA018 | ● F02524CA018 |
| ● F02522CA030 | ● F02523CA030 | ● F02524CA030 |
| ● F02522CA033 | ● F02523CA033 | ● F02524CA033 |

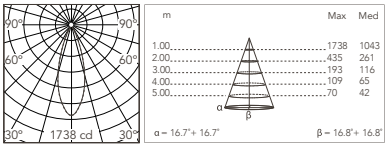



@ 3000K

### Optic Flood 33,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 592 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02522DA001 | ○ F02523DA001 | ○ F02524DA001 |
| ● F02522DA006 | ● F02523DA006 | ● F02524DA006 |
| ● F02522DA012 | ● F02523DA012 | ● F02524DA012 |
| ● F02522DA018 | ● F02523DA018 | ● F02524DA018 |
| ● F02522DA030 | ● F02523DA030 | ● F02524DA030 |
| ● F02522DA033 | ● F02523DA033 | ● F02524DA033 |

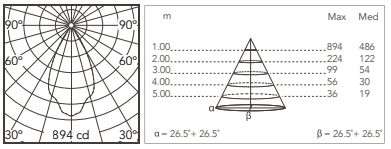



@ 3000K

### Optic Wide Flood 53° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 584 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 619 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 642 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02522EA001 | ○ F02523EA001 | ○ F02524EA001 |
| ● F02522EA006 | ● F02523EA006 | ● F02524EA006 |
| ● F02522EA012 | ● F02523EA012 | ● F02524EA012 |
| ● F02522EA018 | ● F02523EA018 | ● F02524EA018 |
| ● F02522EA030 | ● F02523EA030 | ● F02524EA030 |
| ● F02522EA033 | ● F02523EA033 | ● F02524EA033 |




Preliminary photometry

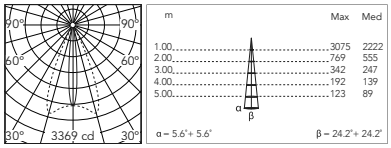
@ 3000K

## Spine T 1 Ultra Hp

**Optic Elliptical 1 11,5° x 49°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 639 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 663 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02522FA001 | ○ F02523FA001 | ○ F02524FA001 |
| ● F02522FA006 | ● F02523FA006 | ● F02524FA006 |
| ● F02522FA012 | ● F02523FA012 | ● F02524FA012 |
| ● F02522FA018 | ● F02523FA018 | ● F02524FA018 |
| ● F02522FA030 | ● F02523FA030 | ● F02524FA030 |
| ● F02522FA033 | ● F02523FA033 | ● F02524FA033 |

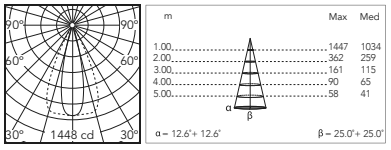



@ 3000K

**Optic Elliptical 2 25,5° x 50°**

**Power Led:** 10,5W - 920 lm ≠ FIXT 601 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 624 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 645 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02522GA001 | ○ F02523GA001 | ○ F02524GA001 |
| ● F02522GA006 | ● F02523GA006 | ● F02524GA006 |
| ● F02522GA012 | ● F02523GA012 | ● F02524GA012 |
| ● F02522GA018 | ● F02523GA018 | ● F02524GA018 |
| ● F02522GA030 | ● F02523GA030 | ● F02524GA030 |
| ● F02522GA033 | ● F02523GA033 | ● F02524GA033 |

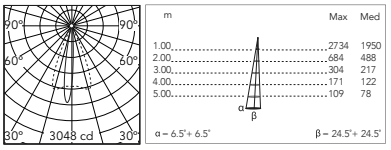



@ 3000K

**Optic Wall Washer**

**Power Led:** 10,5W - 920 lm ≠ FIXT 574 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 609 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 631 lm - 4000K/CRI 80 - 220-240V

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F02522HA001 | ○ F02523HA001 | ○ F02524HA001 |
| ● F02522HA006 | ● F02523HA006 | ● F02524HA006 |
| ● F02522HA012 | ● F02523HA012 | ● F02524HA012 |
| ● F02522HA018 | ● F02523HA018 | ● F02524HA018 |
| ● F02522HA030 | ● F02523HA030 | ● F02524HA030 |
| ● F02522HA033 | ● F02523HA033 | ● F02524HA033 |

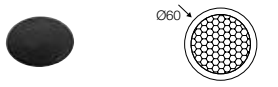



@ 3000K

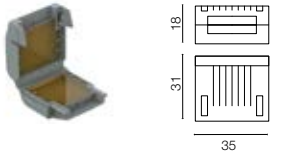
## Spine T 1 Ultra: Zubehörteile / Accessories

| | | |
|---|---|---|
| Viewer | Visor | ○ F025Z050001<br>● F025Z050006<br>● F025Z050012<br>● F025Z050018<br>● F025Z050030<br>● F025Z050033 |

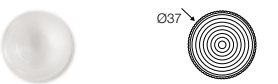
| | | |
|---|---|---|
| Honeycomb | Honeycomb Louvre | F025Z060000 |




| | | |
|---|---|---|
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | F990C100000 |



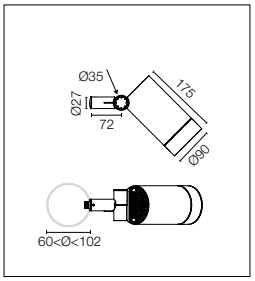

| | | |
|---|---|---|
| Konverterlinse / Converter lenses: | | |
| - Converter Spine 1 Optic Medium Flood | | F029Z010000 |
| - Converter Spine 1 Optic Flood | | F029Z011000 |
| - Converter Spine 1 Optic Wide Flood (Available soon) | | F029Z012000 |
| - Converter Spine 1 Optic Elliptic 1 | | F029Z013000 |
| - Converter Spine 1 Optic Elliptic 2 | | F029Z014000 |
| - Converter Spine 1 Optic Wall Washer | | F029Z015000 |

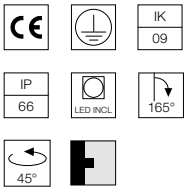



| | | |
|---|---|---|
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 |

| | | |
|---|---|---|
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 |

## Spine T 2 Ultra



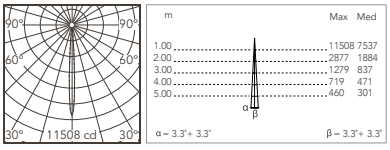

Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Power LED source included. Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

### Optic Narrow Spot 6°

**Power Led:** 4,1W - 248 lm ≠ FIXT 230 lm - 2700K/CRI 80 - 220-240V / 4,1W - 258 lm ≠ FIXT 239 lm - 3000K/CRI 80 - 220-240V / 4,1W - 267 lm ≠ FIXT 247 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02612AA001 | ○ F02613AA001 | ○ F02614AA001 |
| ● F02612AA006 | ● F02613AA006 | ● F02614AA006 |
| ● F02612AA012 | ● F02613AA012 | ● F02614AA012 |
| ● F02612AA018 | ● F02613AA018 | ● F02614AA018 |
| ● F02612AA030 | ● F02613AA030 | ● F02614AA030 |
| ● F02612AA033 | ● F02613AA033 | ● F02614AA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02612AB001 | ○ F02613AB001 | ○ F02614AB001 |
| ● F02612AB006 | ● F02613AB006 | ● F02614AB006 |
| ● F02612AB012 | ● F02613AB012 | ● F02614AB012 |
| ● F02612AB018 | ● F02613AB018 | ● F02614AB018 |
| ● F02612AB030 | ● F02613AB030 | ● F02614AB030 |
| ● F02612AB033 | ● F02613AB033 | ● F02614AB033 |
| Dali | Dali | Dali |
| ○ F02612AD001 | ○ F02613AD001 | ○ F02614AD001 |
| ● F02612AD006 | ● F02613AD006 | ● F02614AD006 |
| ● F02612AD012 | ● F02613AD012 | ● F02614AD012 |
| ● F02612AD018 | ● F02613AD018 | ● F02614AD018 |
| ● F02612AD030 | ● F02613AD030 | ● F02614AD030 |
| ● F02612AD033 | ● F02613AD033 | ● F02614AD033 |

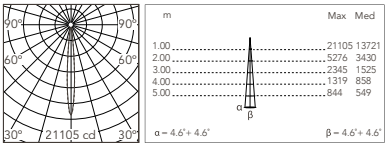



@ 3000K

### Optic Spot 9,5°

**Power Led:** 10,5W - 920 lm ≠ FIXT 769 lm - 2700K/CRI 80 - 220-240Vv / 10,5W - 966 lm ≠ FIXT 808 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 846 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02612BA001 | ○ F02613BA001 | ○ F02614BA001 |
| ● F02612BA006 | ● F02613BA006 | ● F02614BA006 |
| ● F02612BA012 | ● F02613BA012 | ● F02614BA012 |
| ● F02612BA018 | ● F02613BA018 | ● F02614BA018 |
| ● F02612BA030 | ● F02613BA030 | ● F02614BA030 |
| ● F02612BA033 | ● F02613BA033 | ● F02614BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02612BB001 | ○ F02613BB001 | ○ F02614BB001 |
| ● F02612BB006 | ● F02613BB006 | ● F02614BB006 |
| ● F02612BB012 | ● F02613BB012 | ● F02614BB012 |
| ● F02612BB018 | ● F02613BB018 | ● F02614BB018 |
| ● F02612BB030 | ● F02613BB030 | ● F02614BB030 |
| ● F02612BB033 | ● F02613BB033 | ● F02614BB033 |
| Dali | Dali | Dali |
| ○ F02612BD001 | ○ F02613BD001 | ○ F02614BD001 |
| ● F02612BD006 | ● F02613BD006 | ● F02614BD006 |
| ● F02612BD012 | ● F02613BD012 | ● F02614BD012 |
| ● F02612BD018 | ● F02613BD018 | ● F02614BD018 |
| ● F02612BD030 | ● F02613BD030 | ● F02614BD030 |
| ● F02612BD033 | ● F02613BD033 | ● F02614BD033 |

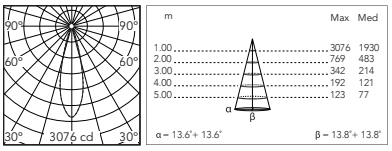



@ 3000K

### Optic Medium Flood 28°

**Power Led:** 10,5W - 920 lm ≠ FIXT 715 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 742 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 767 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F02612CA001 | F02613CA001 | F02614CA001 |
| F02612CA006 | F02613CA006 | F02614CA006 |
| F02612CA012 | F02613CA012 | F02614CA012 |
| F02612CA018 | F02613CA018 | F02614CA018 |
| F02612CA030 | F02613CA030 | F02614CA030 |
| F02612CA033 | F02613CA033 | F02614CA033 |
| 1-10V | 1-10V | 1-10V |
| F02612CB001 | F02613CB001 | F02614CB001 |
| F02612CB006 | F02613CB006 | F02614CB006 |
| F02612CB012 | F02613CB012 | F02614CB012 |
| F02612CB018 | F02613CB018 | F02614CB018 |
| F02612CB030 | F02613CB030 | F02614CB030 |
| F02612CB033 | F02613CB033 | F02614CB033 |
| Dali | Dali | Dali |
| F02612CD001 | F02613CD001 | F02614CD001 |
| F02612CD006 | F02613CD006 | F02614CD006 |
| F02612CD012 | F02613CD012 | F02614CD012 |
| F02612CD018 | F02613CD018 | F02614CD018 |
| F02612CD030 | F02613CD030 | F02614CD030 |
| F02612CD033 | F02613CD033 | F02614CD033 |

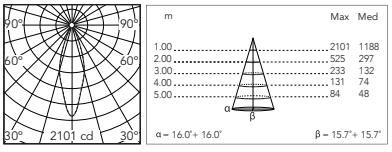



@ 3000K

### Optic Flood 33°

**Power Led:** 10,5W - 920 lm ≠ FIXT 695 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 721 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 746 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F02612DA001 | F02613DA001 | F02614DA001 |
| F02612DA006 | F02613DA006 | F02614DA006 |
| F02612DA012 | F02613DA012 | F02614DA012 |
| F02612DA018 | F02613DA018 | F02614DA018 |
| F02612DA030 | F02613DA030 | F02614DA030 |
| F02612DA033 | F02613DA033 | F02614DA033 |
| 1-10V | 1-10V | 1-10V |
| F02612DB001 | F02613DB001 | F02614DB001 |
| F02612DB006 | F02613DB006 | F02614DB006 |
| F02612DB012 | F02613DB012 | F02614DB012 |
| F02612DB018 | F02613DB018 | F02614DB018 |
| F02612DB030 | F02613DB030 | F02614DB030 |
| F02612DB033 | F02613DB033 | F02614DB033 |
| Dali | Dali | Dali |
| F02612DD001 | F02613DD001 | F02614DD001 |
| F02612DD006 | F02613DD006 | F02614DD006 |
| F02612DD012 | F02613DD012 | F02614DD012 |
| F02612DD018 | F02613DD018 | F02614DD018 |
| F02612DD030 | F02613DD030 | F02614DD030 |
| F02612DD033 | F02613DD033 | F02614DD033 |

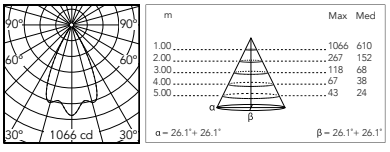



@ 3000K

### Optic Wide Flood 52° - Available Soon

**Power Led:** 10,5W - 920 lm ≠ FIXT 677 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 711 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 745 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F02612EA001 | F02613EA001 | F02614EA001 |
| F02612EA006 | F02613EA006 | F02614EA006 |
| F02612EA012 | F02613EA012 | F02614EA012 |
| F02612EA018 | F02613EA018 | F02614EA018 |
| F02612EA030 | F02613EA030 | F02614EA030 |
| F02612EA033 | F02613EA033 | F02614EA033 |
| 1-10V | 1-10V | 1-10V |
| F02612EB001 | F02613EB001 | F02614EB001 |
| F02612EB006 | F02613EB006 | F02614EB006 |
| F02612EB012 | F02613EB012 | F02614EB012 |
| F02612EB018 | F02613EB018 | F02614EB018 |
| F02612EB030 | F02613EB030 | F02614EB030 |
| F02612EB033 | F02613EB033 | F02614EB033 |
| Dali | Dali | Dali |
| F02612ED001 | F02613ED001 | F02614ED001 |
| F02612ED006 | F02613ED006 | F02614ED006 |
| F02612ED012 | F02613ED012 | F02614ED012 |
| F02612ED018 | F02613ED018 | F02614ED018 |
| F02612ED030 | F02613ED030 | F02614ED030 |
| F02612ED033 | F02613ED033 | F02614ED033 |



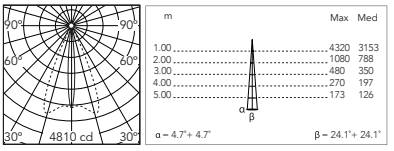

Preliminary photometry

@ 3000K

### Optic Elliptical 1 9,5° x 48°

**Power Led:** 10,5W - 920 lm ≠ FIXT 717 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 744 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 770 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02612FA001 | ○ F02613FA001 | ○ F02614FA001 |
| ● F02612FA006 | ● F02613FA006 | ● F02614FA006 |
| ● F02612FA012 | ● F02613FA012 | ● F02614FA012 |
| ● F02612FA018 | ● F02613FA018 | ● F02614FA018 |
| ● F02612FA030 | ● F02613FA030 | ● F02614FA030 |
| ● F02612FA033 | ● F02613FA033 | ● F02614FA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02612FB001 | ○ F02613FB001 | ○ F02614FB001 |
| ● F02612FB006 | ● F02613FB006 | ● F02614FB006 |
| ● F02612FB012 | ● F02613FB012 | ● F02614FB012 |
| ● F02612FB018 | ● F02613FB018 | ● F02614FB018 |
| ● F02612FB030 | ● F02613FB030 | ● F02614FB030 |
| ● F02612FB033 | ● F02613FB033 | ● F02614FB033 |
| Dali | Dali | Dali |
| ○ F02612FD001 | ○ F02613FD001 | ○ F02614FD001 |
| ● F02612FD006 | ● F02613FD006 | ● F02614FD006 |
| ● F02612FD012 | ● F02613FD012 | ● F02614FD012 |
| ● F02612FD018 | ● F02613FD018 | ● F02614FD018 |
| ● F02612FD030 | ● F02613FD030 | ● F02614FD030 |
| ● F02612FD033 | ● F02613FD033 | ● F02614FD033 |

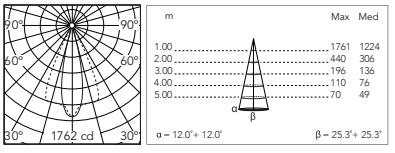



@ 3000K

### Optic Elliptical 2 24° x 50°

**Power Led:** 10,5W - 920 lm ≠ FIXT 699 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 725 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 750 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02612GA001 | ○ F02613GA001 | ○ F02614GA001 |
| ● F02612GA006 | ● F02613GA006 | ● F02614GA006 |
| ● F02612GA012 | ● F02613GA012 | ● F02614GA012 |
| ● F02612GA018 | ● F02613GA018 | ● F02614GA018 |
| ● F02612GA030 | ● F02613GA030 | ● F02614GA030 |
| ● F02612GA033 | ● F02613GA033 | ● F02614GA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02612GB001 | ○ F02613GB001 | ○ F02614GB001 |
| ● F02612GB006 | ● F02613GB006 | ● F02614GB006 |
| ● F02612GB012 | ● F02613GB012 | ● F02614GB012 |
| ● F02612GB018 | ● F02613GB018 | ● F02614GB018 |
| ● F02612GB030 | ● F02613GB030 | ● F02614GB030 |
| ● F02612GB033 | ● F02613GB033 | ● F02614GB033 |
| Dali | Dali | Dali |
| ○ F02612GD001 | ○ F02613GD001 | ○ F02614GD001 |
| ● F02612GD006 | ● F02613GD006 | ● F02614GD006 |
| ● F02612GD012 | ● F02613GD012 | ● F02614GD012 |
| ● F02612GD018 | ● F02613GD018 | ● F02614GD018 |
| ● F02612GD030 | ● F02613GD030 | ● F02614GD030 |
| ● F02612GD033 | ● F02613GD033 | ● F02614GD033 |

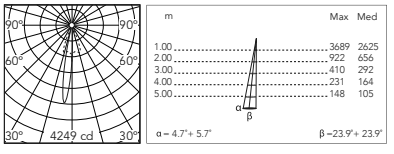



@ 3000K

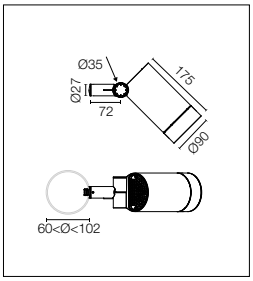
### Optic Wall Washer

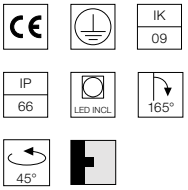
**Power Led:** 10,5W - 920 lm ≠ FIXT 673 lm - 2700K/CRI 80 - 220-240V / 10,5W - 966 lm ≠ FIXT 698 lm - 3000K/CRI 80 - 220-240V / 10,5W - 1012 lm ≠ FIXT 672 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02612HA001 | ○ F02613HA001 | ○ F02614HA001 |
| ● F02612HA006 | ● F02613HA006 | ● F02614HA006 |
| ● F02612HA012 | ● F02613HA012 | ● F02614HA012 |
| ● F02612HA018 | ● F02613HA018 | ● F02614HA018 |
| ● F02612HA030 | ● F02613HA030 | ● F02614HA030 |
| ● F02612HA033 | ● F02613HA033 | ● F02614HA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02612HB001 | ○ F02613HB001 | ○ F02614HB001 |
| ● F02612HB006 | ● F02613HB006 | ● F02614HB006 |
| ● F02612HB012 | ● F02613HB012 | ● F02614HB012 |
| ● F02612HB018 | ● F02613HB018 | ● F02614HB018 |
| ● F02612HB030 | ● F02613HB030 | ● F02614HB030 |
| ● F02612HB033 | ● F02613HB033 | ● F02614HB033 |
| Dali | Dali | Dali |
| ○ F02612HD001 | ○ F02613HD001 | ○ F02614HD001 |
| ● F02612HD006 | ● F02613HD006 | ● F02614HD006 |
| ● F02612HD012 | ● F02613HD012 | ● F02614HD012 |
| ● F02612HD018 | ● F02613HD018 | ● F02614HD018 |
| ● F02612HD030 | ● F02613HD030 | ● F02614HD030 |
| ● F02612HD033 | ● F02613HD033 | ● F02614HD033 |




@ 3000K



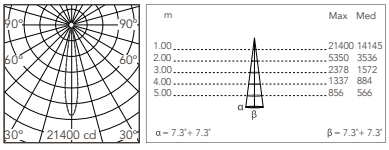

Energieeffiziente Power-LED-Lichtquelle im Lieferumfang enthalten. Ausgestattet mit integriertem Snoot für einen gesteigerten visuellen Komfort. Der Display mit asymmetrischem Design ist als Zubehör erhältlich. Die als Zubehör erhältlichen Kollimatoren dienen der Regelung der Abstrahlwinkel. Integriertes Netzteil 220-240V mit EIN/AUS-Schalter, dimmbar 1-10V oder durch DALI. Integrierte Stangenhalterung für Stangen mit einem Durchmesser von 60 bis 120 mm und einer Dicke von max. 3 mm. Ausgestattet mit einem 5meter langen Neopren-Kabel (10m auf Anfrage) für die Fernverbindung; zur Gewährleistung der Abdichtung werden flexible Kabel für den Außenbereich empfohlen.

Energy-efficient Power LED source included Equipped with an integrated snoot for higher visual comfort: the asymmetrical cut visor is available as an accessory. Collimators are available as an accessory to modify the beam opening. Integrated electric power supply 220-240V ON/OFF and adjustable 1-10V or DALI. Integrated support for pole fixing, for poles with a diameter between 60 and 120 mm and a maximum thickness of 3 mm. Equipped with a 5m neoprene cable (10m upon request) for remote connection. To guarantee its water tightness, it is recommended to use flexible cables designed for outdoor use.

### Optic Spot 14,5°

**Power Led:** 17W - 1739 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1497 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1548 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02622BA001 | ○ F02623BA001 | ○ F02624BA001 |
| ● F02622BA006 | ● F02623BA006 | ● F02624BA006 |
| ● F02622BA012 | ● F02623BA012 | ● F02624BA012 |
| ● F02622BA018 | ● F02623BA018 | ● F02624BA018 |
| ● F02622BA030 | ● F02623BA030 | ● F02624BA030 |
| ● F02622BA033 | ● F02623BA033 | ● F02624BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02622BB001 | ○ F02623BB001 | ○ F02624BB001 |
| ● F02622BB006 | ● F02623BB006 | ● F02624BB006 |
| ● F02622BB012 | ● F02623BB012 | ● F02624BB012 |
| ● F02622BB018 | ● F02623BB018 | ● F02624BB018 |
| ● F02622BB030 | ● F02623BB030 | ● F02624BB030 |
| ● F02622BB033 | ● F02623BB033 | ● F02624BB033 |
| Dali | Dali | Dali |
| ○ F02622BD001 | ○ F02623BD001 | ○ F02624BD001 |
| ● F02622BD006 | ● F02623BD006 | ● F02624BD006 |
| ● F02622BD012 | ● F02623BD012 | ● F02624BD012 |
| ● F02622BD018 | ● F02623BD018 | ● F02624BD018 |
| ● F02622BD030 | ● F02623BD030 | ● F02624BD030 |
| ● F02622BD033 | ● F02623BD033 | ● F02624BD033 |

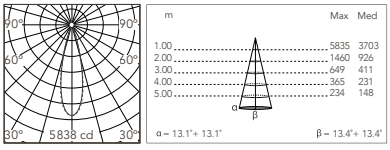



@ 3000K

### Optic Medium Flood 26°

**Power Led:** 17W - 1739 lm ≠ FIXT 1336 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1386 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1434 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02622CA001 | ○ F02623CA001 | ○ F02624CA001 |
| ● F02622CA006 | ● F02623CA006 | ● F02624CA006 |
| ● F02622CA012 | ● F02623CA012 | ● F02624CA012 |
| ● F02622CA018 | ● F02623CA018 | ● F02624CA018 |
| ● F02622CA030 | ● F02623CA030 | ● F02624CA030 |
| ● F02622CA033 | ● F02623CA033 | ● F02624CA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02622CB001 | ○ F02623CB001 | ○ F02624CB001 |
| ● F02622CB006 | ● F02623CB006 | ● F02624CB006 |
| ● F02622CB012 | ● F02623CB012 | ● F02624CB012 |
| ● F02622CB018 | ● F02623CB018 | ● F02624CB018 |
| ● F02622CB030 | ● F02623CB030 | ● F02624CB030 |
| ● F02622CB033 | ● F02623CB033 | ● F02624CB033 |
| Dali | Dali | Dali |
| ○ F02622CD001 | ○ F02623CD001 | ○ F02624CD001 |
| ● F02622CD006 | ● F02623CD006 | ● F02624CD006 |
| ● F02622CD012 | ● F02623CD012 | ● F02624CD012 |
| ● F02622CD018 | ● F02623CD018 | ● F02624CD018 |
| ● F02622CD030 | ● F02623CD030 | ● F02624CD030 |
| ● F02622CD033 | ● F02623CD033 | ● F02624CD033 |

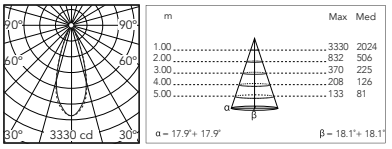



@ 3000K

### Optic Flood 36°

**Power Led:** 17W - 1739 lm ≠ FIXT 1302 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1397 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02622DA001 | ○ F02623DA001 | ○ F02624DA001 |
| ● F02622DA006 | ● F02623DA006 | ● F02624DA006 |
| ● F02622DA012 | ● F02623DA012 | ● F02624DA012 |
| ● F02622DA018 | ● F02623DA018 | ● F02624DA018 |
| ● F02622DA030 | ● F02623DA030 | ● F02624DA030 |
| ● F02622DA033 | ● F02623DA033 | ● F02624DA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02622DB001 | ○ F02623DB001 | ○ F02624DB001 |
| ● F02622DB006 | ● F02623DB006 | ● F02624DB006 |
| ● F02622DB012 | ● F02623DB012 | ● F02624DB012 |
| ● F02622DB018 | ● F02623DB018 | ● F02624DB018 |
| ● F02622DB030 | ● F02623DB030 | ● F02624DB030 |
| ● F02622DB033 | ● F02623DB033 | ● F02624DB033 |
| Dali | Dali | Dali |
| ○ F02622DD001 | ○ F02623DD001 | ○ F02624DD001 |
| ● F02622DD006 | ● F02623DD006 | ● F02624DD006 |
| ● F02622DD012 | ● F02623DD012 | ● F02624DD012 |
| ● F02622DD018 | ● F02623DD018 | ● F02624DD018 |
| ● F02622DD030 | ● F02623DD030 | ● F02624DD030 |
| ● F02622DD033 | ● F02623DD033 | ● F02624DD033 |

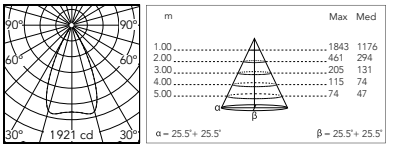



@ 3000K

### Optic Wide Flood 51° - Available Soon

**Power Led:** 17W - 1739 lm ≠ FIXT 1272 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1319 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1366 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02622EA001 | ○ F02623EA001 | ○ F02624EA001 |
| ● F02622EA006 | ● F02623EA006 | ● F02624EA006 |
| ● F02622EA012 | ● F02623EA012 | ● F02624EA012 |
| ● F02622EA018 | ● F02623EA018 | ● F02624EA018 |
| ● F02622EA030 | ● F02623EA030 | ● F02624EA030 |
| ● F02622EA033 | ● F02623EA033 | ● F02624EA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02622EB001 | ○ F02623EB001 | ○ F02624EB001 |
| ● F02622EB006 | ● F02623EB006 | ● F02624EB006 |
| ● F02622EB012 | ● F02623EB012 | ● F02624EB012 |
| ● F02622EB018 | ● F02623EB018 | ● F02624EB018 |
| ● F02622EB030 | ● F02623EB030 | ● F02624EB030 |
| ● F02622EB033 | ● F02623EB033 | ● F02624EB033 |
| Dali | Dali | Dali |
| ○ F02622ED001 | ○ F02623ED001 | ○ F02624ED001 |
| ● F02622ED006 | ● F02623ED006 | ● F02624ED006 |
| ● F02622ED012 | ● F02623ED012 | ● F02624ED012 |
| ● F02622ED018 | ● F02623ED018 | ● F02624ED018 |
| ● F02622ED030 | ● F02623ED030 | ● F02624ED030 |
| ● F02622ED033 | ● F02623ED033 | ● F02624ED033 |



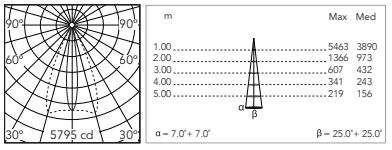

Preliminary photometry

@ 3000K

### Optic Elliptical 1 14° x 50°

**Power Led:** 17W - 1739 lm ≠ FIXT 1315 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1364 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1410 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02622FA001 | ○ F02623FA001 | ○ F02624FA001 |
| ● F02622FA006 | ● F02623FA006 | ● F02624FA006 |
| ● F02622FA012 | ● F02623FA012 | ● F02624FA012 |
| ● F02622FA018 | ● F02623FA018 | ● F02624FA018 |
| ● F02622FA030 | ● F02623FA030 | ● F02624FA030 |
| ● F02622FA033 | ● F02623FA033 | ● F02624FA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02622FB001 | ○ F02623FB001 | ○ F02624FB001 |
| ● F02622FB006 | ● F02623FB006 | ● F02624FB006 |
| ● F02622FB012 | ● F02623FB012 | ● F02624FB012 |
| ● F02622FB018 | ● F02623FB018 | ● F02624FB018 |
| ● F02622FB030 | ● F02623FB030 | ● F02624FB030 |
| ● F02622FB033 | ● F02623FB033 | ● F02624FB033 |
| Dali | Dali | Dali |
| ○ F02622FD001 | ○ F02623FD001 | ○ F02624FD001 |
| ● F02622FD006 | ● F02623FD006 | ● F02624FD006 |
| ● F02622FD012 | ● F02623FD012 | ● F02624FD012 |
| ● F02622FD018 | ● F02623FD018 | ● F02624FD018 |
| ● F02622FD030 | ● F02623FD030 | ● F02624FD030 |
| ● F02622FD033 | ● F02623FD033 | ● F02624FD033 |

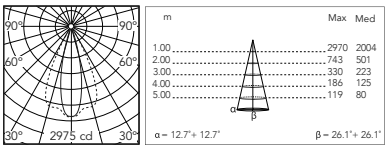



@ 3000K

### Optic Elliptical 2 25° x 52°

**Power Led:** 17W - 1739 lm ≠ FIXT 1298 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1351 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1393 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02622GA001 | ○ F02623GA001 | ○ F02624GA001 |
| ● F02622GA006 | ● F02623GA006 | ● F02624GA006 |
| ● F02622GA012 | ● F02623GA012 | ● F02624GA012 |
| ● F02622GA018 | ● F02623GA018 | ● F02624GA018 |
| ● F02622GA030 | ● F02623GA030 | ● F02624GA030 |
| ● F02622GA033 | ● F02623GA033 | ● F02624GA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02622GB001 | ○ F02623GB001 | ○ F02624GB001 |
| ● F02622GB006 | ● F02623GB006 | ● F02624GB006 |
| ● F02622GB012 | ● F02623GB012 | ● F02624GB012 |
| ● F02622GB018 | ● F02623GB018 | ● F02624GB018 |
| ● F02622GB030 | ● F02623GB030 | ● F02624GB030 |
| ● F02622GB033 | ● F02623GB033 | ● F02624GB033 |
| Dali | Dali | Dali |
| ○ F02622GD001 | ○ F02623GD001 | ○ F02624GD001 |
| ● F02622GD006 | ● F02623GD006 | ● F02624GD006 |
| ● F02622GD012 | ● F02623GD012 | ● F02624GD012 |
| ● F02622GD018 | ● F02623GD018 | ● F02624GD018 |
| ● F02622GD030 | ● F02623GD030 | ● F02624GD030 |
| ● F02622GD033 | ● F02623GD033 | ● F02624GD033 |

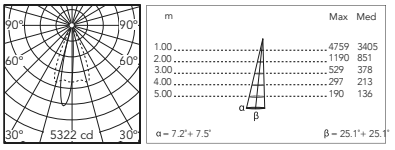



@ 3000K

### Optic Wall Washer

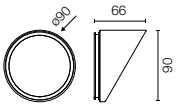
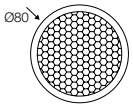
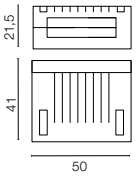
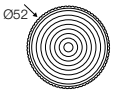
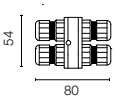
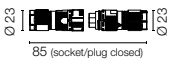
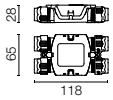
**Power Led:** 17W - 1739 lm ≠ FIXT 1277 lm - 2700K/CRI 80 - 220-240V / 17W - 1803 lm ≠ FIXT 1325 lm - 3000K/CRI 80 - 220-240V / 17W - 1868 lm ≠ FIXT 1370 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F02622HA001 | ○ F02623HA001 | ○ F02624HA001 |
| ● F02622HA006 | ● F02623HA006 | ● F02624HA006 |
| ● F02622HA012 | ● F02623HA012 | ● F02624HA012 |
| ● F02622HA018 | ● F02623HA018 | ● F02624HA018 |
| ● F02622HA030 | ● F02623HA030 | ● F02624HA030 |
| ● F02622HA033 | ● F02623HA033 | ● F02624HA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F02622HB001 | ○ F02623HB001 | ○ F02624HB001 |
| ● F02622HB006 | ● F02623HB006 | ● F02624HB006 |
| ● F02622HB012 | ● F02623HB012 | ● F02624HB012 |
| ● F02622HB018 | ● F02623HB018 | ● F02624HB018 |
| ● F02622HB030 | ● F02623HB030 | ● F02624HB030 |
| ● F02622HB033 | ● F02623HB033 | ● F02624HB033 |
| Dali | Dali | Dali |
| ○ F02622HD001 | ○ F02623HD001 | ○ F02624HD001 |
| ● F02622HD006 | ● F02623HD006 | ● F02624HD006 |
| ● F02622HD012 | ● F02623HD012 | ● F02624HD012 |
| ● F02622HD018 | ● F02623HD018 | ● F02624HD018 |
| ● F02622HD030 | ● F02623HD030 | ● F02624HD030 |
| ● F02622HD033 | ● F02623HD033 | ● F02624HD033 |

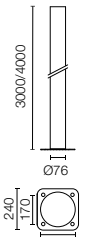
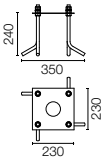
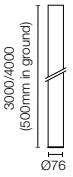
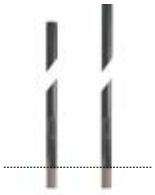
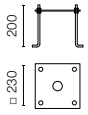



@ 3000K

## Spine T 2 Ultra: Zubehörteile / Accessories

| | | | |
|---|---|---|---|
| Viewer | Visor | ○ F026Z050001<br>● F026Z050006<br>● F026Z050012<br>● F026Z050018<br>● F026Z050030<br>● F026Z050033 |   |
| Honeycomb | Honeycomb Louvre | F026Z060000 |   |
| IPX8 Gelbox für den elektrischen Anschluss. | Gelbox IPX8 for splicing connectors. | F990C110000 |   |
| Konverterlinse / Converter lenses:<br>- Converter Spine 2 Optic Medium Flood<br>- Converter Spine 2 Optic Flood<br>- Converter Spine 2 Optic Wide Flood (Available soon)<br>- Converter Spine 2 Optic Elliptic 1<br>- Converter Spine 2 Optic Elliptic 2<br>- Converter Spine 2 Optic Wall Washer | | F029Z020000<br>F029Z021000<br>F029Z022000<br>F029Z023000<br>F029Z024000<br>F029Z025000 |   |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 |   |
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 |   |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 |   |

## Spine T: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Stange Spine Ø76 mm aus lackiertem Aluminium mit Standfuß. | Spine, Ø76 mm, painted aluminum pole with foot. | H: 3000 mm<br>F026Z200006<br>F026Z200018<br>F026Z200033<br>H: 4000 mm<br>F026Z210006<br>F026Z210018<br>F026Z210033 | |  |
| Grundplatte mit Bolzen für Aluminiummast Ø76 mm mit Sockelversion. | Base plate with bolt for alluminium Pole Ø76 mm with base version. | F990G300000 | |  |
| Spieß Spine Ø76 mm aus lackiertem Aluminium für die Verankerung im Erdreich (+500 mm im Boden). | Spine, Ø76 mm, painted aluminum pole for in ground installation (+500 mm into the ground) | H: 3000 mm<br>F026Z220006<br>F026Z220018<br>F026Z220033<br>H: 4000 mm<br>F026Z230006<br>F026Z230018<br>F026Z230033 | |  |
| Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq. | Pole Ø76 mm with Base and Access Door.<br>With Terminal Block 4x1,5-16mmq. | H 3500 mm<br>FA24806<br>FA24833<br>H 4500 mm<br>FA24906<br>FA24933 | | |
| Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq | Pole Ø76 mm In-Ground (+500 mm Root) With Access Door With Terminal Block 4x1,5-16mmq | H 3500 mm<br>FA25006<br>FA25033<br>H 4500 mm<br>FA25106<br>FA25133 |  | |
| Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq. | Pole Ø102 mm with Base and Access Door.<br>With Terminal Block 4x1,5-16mmq. | H 4000 mm<br>FA414006<br>FA414033<br>H 5000 mm<br>FA415006<br>FA415033 | | |
| Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq | Pole Ø102 mm In-Ground (+500 mm Root) With Access Door With Terminal Block 4x1,5-16mmq | H 4000 mm<br>FA414506<br>FA414533<br>H 5000 mm<br>FA415506<br>FA415533 | | |
| Bolzenplatte für Masten Ø76 mm oder Ø102 mm mit Sockel. | Bolt plate for Pole Ø76 mm or Ø102 mm with base. | FA116 | |  |

# Pointbreak

Designed by Piero Lissoni

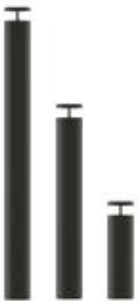
Pointbreak Ballisage 2

Pointbreak Wall 1

Pointbreak Ceiling 2

## Familie / Family

Pointbreak Bollard 1

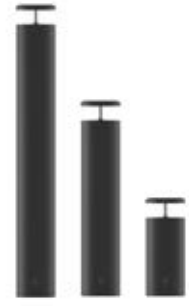


**Power Led**
5,6W
274 lm - 2700K/CRI 80
285 lm - 3000K/CRI 80
307 lm - 4000K/CRI 80

Pointbreak Balisage 1

**Power Led**
5,6W
274 lm - 2700K/CRI 80
285 lm - 3000K/CRI 80
307 lm - 4000K/CRI 80

Pointbreak Bollard 2



**Power Led**
12,5W
600 lm - 2700K/CRI 80
624 lm - 3000K/CRI 80
672 lm - 4000K/CRI 80

Pointbreak Balisage 2

**Power Led**
12,5W
600 lm - 2700K/CRI 80
624 lm - 3000K/CRI 80
672 lm - 4000K/CRI 80

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

33 Anthracite

Pointbreak Wall 0

**Power Led**
2,2W
up to 101 lm - 2700K/CRI 80
up to 108 lm - 3000K/CRI 80
up to 112 lm - 4000K/CRI 80

**Power Led**
3,4W
up to 2x101 lm - 2700K/CRI 80
up to 2x108 lm - 3000K/CRI 80
up to 2x112 lm - 4000K/CRI 80

Pointbreak Wall 1

**Power Led**
6,5W
357 lm - 2700K/CRI 80
375 lm - 3000K/CRI 80
393 lm - 4000K/CRI 80

**Power Led**
12W
2x357 lm - 2700K/CRI 80
2x375 lm - 3000K/CRI 80
2x393 lm - 4000K/CRI 80

Pointbreak Wall 2

**Power Led**
17,5W
1316 lm - 2700K/CRI 80
1365 lm - 3000K/CRI 80
1414 lm - 4000K/CRI 80

**Power Led**
32W
2x1316 lm - 2700K/CRI 80
2x1365 lm - 3000K/CRI 80
2x1414 lm - 4000K/CRI 80

Pointbreak Ceiling 0

**Power Led**
2,2W
up to 101 lm - 2700K/CRI 80
up to 108 lm - 3000K/CRI 80
up to 112 lm - 4000K/CRI 80

Pointbreak Ceiling 1

**Power Led**
6,5W
357 lm - 2700K/CRI 80
375 lm - 3000K/CRI 80
393 lm - 4000K/CRI 80

Pointbreak Ceiling 2

**Power Led**
17,5W
1316 lm - 2700K/CRI 80
1365 lm - 3000K/CRI 80
1414 lm - 4000K/CRI 80

**Pointbreak Bollard**
Kollektion von Außenpollern mit exklusivem Design und LED-Lichtquelle, die sich durch eine Hochleistungsoptik auszeichnet.
Die exklusive Squircle-Form ist in zwei Größen und drei Höhen erhältlich. Gehäusestruktur aus stranggepresstem Aluminium, Leuchtenkopf aus Aluminiumdruckguss, Diffusor aus transparentem Polycarbonat mit kratzfester Oberflächenbehandlung und UV-stabilisiert. Die im Kopf integrierte Optik ermöglicht einen asymmetrischen, radial nach unten gerichteten Lichtaustritt, der in Kombination mit dem absolut schwarz lackierten Aluminiumreflektor indirekte Reflexionen vermeidet, um die geltenden Gesetze zur Lichtverschmutzung einzuhalten.
Erhältlich in verschiedenen Ausführungen mit zweischichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung zur Gewährleistung einer hohen Korrosionsbeständigkeit.
Die Bollard-Versionen können einfach auf jeder Art von Boden mit Dübeln installiert werden, indem man den hochfesten, korrosionsfreien Technopolymer-Sockel und das Befestigungselement verwendet, das eine präzise Einstellung ermöglicht, oder indem man die spezifische Zubehör-Ankerplatte verwendet, um den Sockel des Produkts vollständig in den Boden zu integrieren. Die Verankerungsbeschläge bestehen aus AISI 316L, bräunlich für dunkle Ausführungen.

**Pointbreak Balisage**
Kollektion von Teil-Einbauleuchten für den Außenbereich mit exklusivem Design und LED-Lichtquelle, gekennzeichnet durch eine Hochleistungsoptik.
Die exklusive Squircle-Form ist in zwei Größen und drei Höhen erhältlich. Gehäusestruktur aus stranggepresstem Aluminium, Leuchtenkopf aus Aluminiumdruckguss, Diffusor aus transparentem Polycarbonat mit kratzfester Oberflächenbehandlung und UV-stabilisiert. Die im Kopf integrierte Optik ermöglicht einen asymmetrischen, radial nach unten gerichteten Lichtaustritt, der in Kombination mit dem absolut schwarz lackierten Aluminiumreflektor indirekte Reflexionen vermeidet, um die geltenden Gesetze zur Lichtverschmutzung einzuhalten.
Erhältlich in verschiedenen Ausführungen mit zweischichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung zur Gewährleistung einer hohen Korrosionsbeständigkeit.
Patentierte Anti-Korrosions-Behandlung (ACT) für das Bodeneinbauteil.
Die Balisage-Versionen werden einfach mit einer speziellen obligatorischen Schalung, die separat bestellt werden muss, im Boden installiert.

**Pointbreak Wall**
Kollektion von Außenwandleuchten mit exklusivem Design und LED-Lichtquelle, gekennzeichnet durch eine Hochleistungsoptik.
Die exklusive Squircle-Form ist in drei Größen erhältlich, mit unidirektionaler oder bidirektionaler Abstrahlung. Struktur aus Aluminiumdruckguss mit transparentem Abdeckglas. Die integrierte Optik, die sich im unteren Teil befindet, verwendet patentierte Linsen und ist durch eine absolut schwarze Abschirmung geschützt, um den Sehkomfort zu optimieren und gleichzeitig eine hohe Leistung zu gewährleisten.
Erhältlich in verschiedenen Ausführungen mit zweischichtiger Pulverbeschichtung und chemischer Konversions-Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten.
Die Montage erfolgt über einen hochfesten, korrosionsfreien PBT-Bügel (Polybutylenterephthalat). Doppelte Kabelverschraubung, die direkt am Leuchtenkörper installiert ist, um die ankommende und abgehende Verdrahtung zu ermöglichen.

**Pointbreak Ceiling**
Kollektion von Deckenleuchten für den Außenbereich mit exklusivem Design und LED-Lichtquelle, gekennzeichnet durch eine Hochleistungsoptik.
Die exklusive Squircle-Form ist in drei Größen erhältlich. Struktur aus Aluminiumguss mit transparentem Abdeckglas. Die integrierte Optik, die sich im unteren Teil befindet, verwendet patentierte Linsen und ist durch eine absolut schwarze Abschirmung geschützt, um den Sehkomfort zu optimieren und gleichzeitig eine hohe Leistung zu gewährleisten.
Erhältlich in verschiedenen Ausführungen mit zweischichtiger Pulverbeschichtung und chemischer Konversions-Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten.
Die Installation erfolgt über ein Spannelement, das eine präzise Einstellung ermöglicht. Doppelte Kabelverschraubung, die direkt am Leuchtenkörper installiert wird, um die ankommende und abgehende Verdrahtung zu ermöglichen.

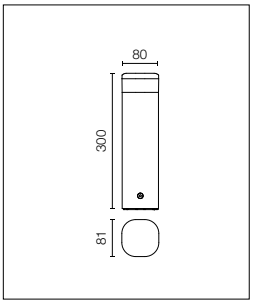
**Pointbreak Bollard**
Collection of outdoor bollards with an exclusive design and LED light source, characterized by high-performance optics.
The unique squircle shape is available in three sizes and three heights. The body structure comes in extruded aluminum, the head of the luminaire in cast aluminum, and the diffuser is made of transparent, UV-stabilized polycarbonate with scratch-resistant surface treatment. The optics integrated in the head allows an asymmetric, downward radial light emission that, combined with an aluminum reflector painted in absolute black, avoids indirect reflections in compliance with current light pollution laws.
Available in different finishes with a double layer of powder coating and chemical conversion surface treatment to ensure high resistance against corrosion.
Bollard versions may be easily installed on any flooring on the ground with anchors by using the high-resistance, corrosion-free technopolymer base and a fixing element, allowing a fine adjustment; or by using the specific accessory anchoring plate for a flawless integration of the base of the product with the ground. The anchoring hardware is made of AISI 316L burnished for dark finishes.

**Pointbreak Balisage**
Collection of partially-recessed outdoor luminaires with an exclusive design and LED light source, characterized by high-performance optics.
The unique squircle shape is available in two sizes and two heights. The body structure comes in extruded aluminum, the head of the luminaire in cast aluminum, and the diffuser is made of transparent, UV-stabilized polycarbonate with scratch-resistant surface treatment. The optics integrated in the head allows an asymmetric, downward radial light emission that, combined with an aluminum reflector painted in absolute black, avoids indirect reflections in compliance with current light pollution laws.
Available in different finishes with a double layer of powder coating and chemical conversion surface treatment to ensure high resistance against corrosion.
Patented anticorrosive treatment (ACT) for the part fitted into the ground.
Balisage versions are easily installed on the ground with a mandatory special box for installation, to be ordered separately.

**Pointbreak Wall**
Collection of outdoor wall luminaires with an exclusive design and LED light source, characterized by high-performance optics.
The unique squircle shape is available in three sizes, with uni- or bi-directional emission. Cast aluminum structure with transparent closing glass. The integrated optics, located at the bottom, uses patented lenses and is protected by an absolute black screening to optimize visual comfort while maintaining high performance.
Available in different finishes with a double layer of powder coating and chemical conversion surface treatment to ensure high resistance against corrosion.
The installation is made using a highly resistant and corrosion-free PBT (polybutylenterephtalate) bracket. Double cable gland installed directly in the body of the luminaire for inlet and outlet connection.

**Pointbreak Ceiling**
Collection of outdoor ceiling luminaires with an exclusive design and LED light source, characterized by high-performance optics.
The unique squircle shape is available in three sizes. Cast aluminum structure with transparent closing glass. The integrated optics, located at the bottom, uses patented lenses and is protected by an absolute black screening to optimize visual comfort while maintaining high performance.
Available in different finishes with a double layer of powder coating and chemical conversion surface treatment to ensure high resistance against corrosion.
Installation is made with a fixing component that allows a fine adjustment. Double cable gland installed directly in the body of the luminaire for inlet and outlet connection.

## Pointbreak Bollard 1 - 300




IP 65 · 1,5 Kg · IK 09 · LED INCL

Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte kann mit Hilfe von Dübeln einfach auf jedem Bodentyp installiert werden. Die Ankerplatte für den Einbau in Betonpflaster muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. The luminaire may be easily installed on any type of floor with anchors. The anchoring plate for installation on flooring to be concreted must be ordered separately.

**Mid - Power Led:** 5,6W - 576 lm ≠ FIXT 274 lm - 2700K/CRI>80 - 220-240V / 5,6W - 600 lm ≠ FIXT 285 lm - 3000K/CRI>80 - 220-240V / 5,6W - 625 lm ≠ FIXT 307 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable

- ○ F023E2AA001
- ● F023E2AA006
- ● F023E2AA012
- ● F023E2AA018
- ● F023E2AA030
- ● F023E2AA033

1-10V

- ○ F023E2AB001
- ● F023E2AB006
- ● F023E2AB012
- ● F023E2AB018
- ● F023E2AB030
- ● F023E2AB033

Dali

- ○ F023E2AD001
- ● F023E2AD006
- ● F023E2AD012
- ● F023E2AD018
- ● F023E2AD030
- ● F023E2AD033

**3000K**

Non Dimmable

- ○ F023E3AA001
- ● F023E3AA006
- ● F023E3AA012
- ● F023E3AA018
- ● F023E3AA030
- ● F023E3AA033

1-10V

- ○ F023E3AB001
- ● F023E3AB006
- ● F023E3AB012
- ● F023E3AB018
- ● F023E3AB030
- ● F023E3AB033

Dali

- ○ F023E3AD001
- ● F023E3AD006
- ● F023E3AD012
- ● F023E3AD018
- ● F023E3AD030
- ● F023E3AD033

**4000K**

Non Dimmable

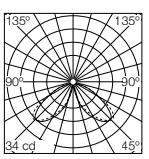
- ○ F023E4AA001
- ● F023E4AA006
- ● F023E4AA012
- ● F023E4AA018
- ● F023E4AA030
- ● F023E4AA033

1-10V

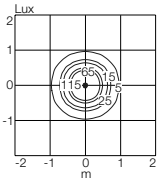
- ○ F023E4AB001
- ● F023E4AB006
- ● F023E4AB012
- ● F023E4AB018
- ● F023E4AB030
- ● F023E4AB033

Dali

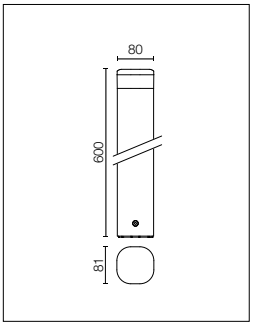
- ○ F023E4AD001
- ● F023E4AD006
- ● F023E4AD012
- ● F023E4AD018
- ● F023E4AD030
- ● F023E4AD033




@3000K




## Pointbreak Bollard 1 - 600




IP 65 · 2 Kg · IK 09 · LED INCL

Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte kann mit Hilfe von Dübeln einfach auf jedem Bodentyp installiert werden. Die Ankerplatte für den Einbau in Betonpflaster muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. The luminaire may be easily installed on any type of floor with anchors. The anchoring plate for installation on flooring to be concreted must be ordered separately.

**Mid - Power Led:** 5,6W - 576 lm ≠ FIXT 274 lm - 2700K/CRI>80 - 220-240V / 5,6W - 600 lm ≠ FIXT 285 lm - 3000K/CRI>80 - 220-240V / 5,6W - 625 lm ≠ FIXT 307 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable

- ○ F023E2BA001
- ● F023E2BA006
- ● F023E2BA012
- ● F023E2BA018
- ● F023E2BA030
- ● F023E2BA033

1-10V

- ○ F023E2BB001
- ● F023E2BB006
- ● F023E2BB012
- ● F023E2BB018
- ● F023E2BB030
- ● F023E2BB033

Dali

- ○ F023E2BD001
- ● F023E2BD006
- ● F023E2BD012
- ● F023E2BD018
- ● F023E2BD030
- ● F023E2BD033

**3000K**

Non Dimmable

- ○ F023E3BA001
- ● F023E3BA006
- ● F023E3BA012
- ● F023E3BA018
- ● F023E3BA030
- ● F023E3BA033

1-10V

- ○ F023E3BB001
- ● F023E3BB006
- ● F023E3BB012
- ● F023E3BB018
- ● F023E3BB030
- ● F023E3BB033

Dali

- ○ F023E3BD001
- ● F023E3BD006
- ● F023E3BD012
- ● F023E3BD018
- ● F023E3BD030
- ● F023E3BD033

**4000K**

Non Dimmable

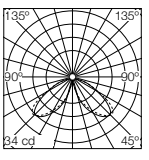
- ○ F023E4BA001
- ● F023E4BA006
- ● F023E4BA012
- ● F023E4BA018
- ● F023E4BA030
- ● F023E4BA033

1-10V

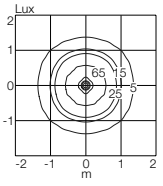
- ○ F023E4BB001
- ● F023E4BB006
- ● F023E4BB012
- ● F023E4BB018
- ● F023E4BB030
- ● F023E4BB033

Dali

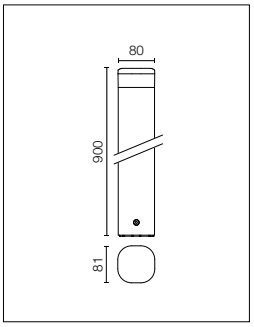
- ○ F023E4BD001
- ● F023E4BD006
- ● F023E4BD012
- ● F023E4BD018
- ● F023E4BD030
- ● F023E4BD033




@3000K



## Pointbreak Bollard 1 - 900




IP 65 · 2,5 Kg · IK 09 · LED INCL

Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte kann mit Hilfe von Dübeln einfach auf jedem Bodentyp installiert werden. Die Ankerplatte für den Einbau in Betonpflaster muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. The luminaire may be easily installed on any type of floor with anchors. The anchoring plate for installation on flooring to be concreted must be ordered separately.

**Mid - Power Led:** 5,6W - 576 lm ≠ FIXT 274 lm - 2700K/CRI>80 - 220-240V / 5,6W - 600 lm ≠ FIXT 285 lm - 3000K/CRI>80 - 220-240V / 5,6W - 625 lm ≠ FIXT 307 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable
- ○ F023E2CA001
- ● F023E2CA006
- ● F023E2CA012
- ● F023E2CA018
- ● F023E2CA030
- ● F023E2CA033

1-10V
- ○ F023E2CB001
- ● F023E2CB006
- ● F023E2CB012
- ● F023E2CB018
- ● F023E2CB030
- ● F023E2CB033

Dali
- ○ F023E2CD001
- ● F023E2CD006
- ● F023E2CD012
- ● F023E2CD018
- ● F023E2CD030
- ● F023E2CD033

**3000K**

Non Dimmable
- ○ F023E3CA001
- ● F023E3CA006
- ● F023E3CA012
- ● F023E3CA018
- ● F023E3CA030
- ● F023E3CA033

1-10V
- ○ F023E3CB001
- ● F023E3CB006
- ● F023E3CB012
- ● F023E3CB018
- ● F023E3CB030
- ● F023E3CB033

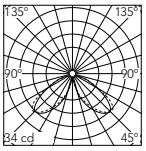
Dali
- ○ F023E3CD001
- ● F023E3CD006
- ● F023E3CD012
- ● F023E3CD018
- ● F023E3CD030
- ● F023E3CD033

**4000K**

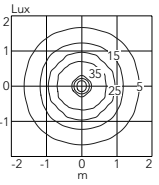
Non Dimmable
- ○ F023E4CA001
- ● F023E4CA006
- ● F023E4CA012
- ● F023E4CA018
- ● F023E4CA030
- ● F023E4CA033

1-10V
- ○
- ● F023E4CB006
- ● F023E4CB012
- ● F023E4CB018
- ● F023E4CB030
- ● F023E4CB033

Dali
- ○ F023E4CD001
- ● F023E4CD006
- ● F023E4CD012
- ● F023E4CD018
- ● F023E4CD030
- ● F023E4CD033




@3000K




## Pointbreak Mono Emission 180º

Pointbreak Bollard ist auch in einer Version mit einfacher Emission (180º) erhältlich, dank eines speziell geformten Verschlusses, der in die wasserdichte optische Einheit integriert ist.

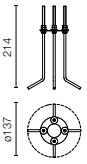
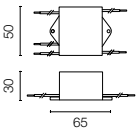
Auf Wunsch kann der Lichtaustritt auf 90º oder 270º modifiziert werden.

Pointbreak Bollard is also available as a single-emission version (180º) thanks to a special shaped shutter integrated in the watertight optical unit.

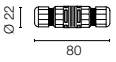
On request, the beam can be modified to 90º or 270º.

* Vorläufige technische Daten und Fotometrien. / Preliminary technical specs and photometries.

## Pointbreak: Zubehör / Accessories

| | | | | |
|---|---|---|---|---|
| Stiftschraubenplatte. | Base plate with bolt. | Pointbreak Bollard 1<br>F023Z050000 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | Pointbreak Bollard<br>F990E00A000 | |  |

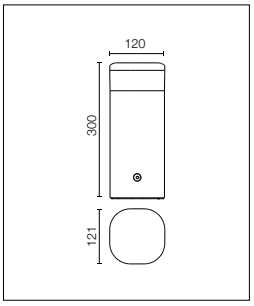
## Pointbreak: Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

| | | | | |
|---|---|---|---|---|
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | | |

## Pointbreak: Zubehör für dimmbare Versionen / Accessories for dimmable versions

| | | | | |
|---|---|---|---|---|
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 | | |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 | | |

## Pointbreak Bollard 2 - 300




IP 65 · IK 09 · 2,7 Kg · LED INCL

Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte kann mit Hilfe von Dübeln einfach auf jedem Bodentyp installiert werden. Die Ankerplatte für den Einbau in Betonpflaster muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. The luminaire may be easily installed on any type of floor with anchors. The anchoring plate for installation on flooring to be concreted must be ordered separately.

**Mid - Power Led:** 12,5W - 1374 lm ≠ FIXT 600 lm - 2700K/CRI>80 - 220-240V / 12,5W - 1429 lm ≠ FIXT 624 lm - 3000K/CRI>80 - 220-240V / 12,5W - 1538 lm ≠ FIXT 672 lm - 4000/CRI>80 - 220-240V

**2700K**
Non Dimmable
- ○ F023F2AA001
- ● F023F2AA006
- ● F023F2AA012
- ● F023F2AA018
- ● F023F2AA030
- ● F023F2AA033

1-10V
- ○ F023F2AB001
- ● F023F2AB006
- ● F023F2AB012
- ● F023F2AB018
- ● F023F2AB030
- ● F023F2AB033

Dali
- ○ F023F2AD001
- ● F023F2AD006
- ● F023F2AD012
- ● F023F2AD018
- ● F023F2AD030
- ● F023F2AD033

**3000K**
Non Dimmable
- ○ F023F3AA001
- ● F023F3AA006
- ● F023F3AA012
- ● F023F3AA018
- ● F023F3AA030
- ● F023F3AA033

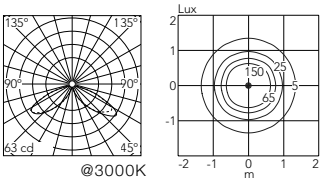
1-10V
- ○ F023F3AB001
- ● F023F3AB006
- ● F023F3AB012
- ● F023F3AB018
- ● F023F3AB030
- ● F023F3AB033

Dali
- ○ F023F3AD001
- ● F023F3AD006
- ● F023F3AD012
- ● F023F3AD018
- ● F023F3AD030
- ● F023F3AD033

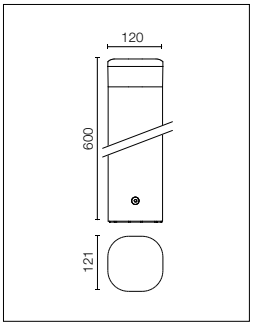
**4000K**
Non Dimmable
- ○ F023F4AA001
- ● F023F4AA006
- ● F023F4AA012
- ● F023F4AA018
- ● F023F4AA030
- ● F023F4AA033

1-10V
- ○ F023F4AB001
- ● F023F4AB006
- ● F023F4AB012
- ● F023F4AB018
- ● F023F4AB030
- ● F023F4AB033

Dali
- ○ F023F4AD001
- ● F023F4AD006
- ● F023F4AD012
- ● F023F4AD018
- ● F023F4AD030
- ● F023F4AD033




## Pointbreak Bollard 2 - 600




IP 65 · IK 09 · 3,4 Kg · LED INCL

Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte kann mit Hilfe von Dübeln einfach auf jedem Bodentyp installiert werden. Die Ankerplatte für den Einbau in Betonpflaster muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. The luminaire may be easily installed on any type of floor with anchors. The anchoring plate for installation on flooring to be concreted must be ordered separately.

**Mid - Power Led:** 12,5W - 1374 lm ≠ FIXT 600 lm - 2700K/CRI>80 - 220-240V / 12,5W - 1429 lm ≠ FIXT 624 lm - 3000K/CRI>80 - 220-240V / 12,5W - 1538 lm ≠ FIXT 672 lm - 4000/CRI>80 - 220-240V

**2700K**
Non Dimmable
- ○ F023F2BA001
- ● F023F2BA006
- ● F023F2BA012
- ● F023F2BA018
- ● F023F2BA030
- ● F023F2BA033

1-10V
- ○ F023F2BB001
- ● F023F2BB006
- ● F023F2BB012
- ● F023F2BB018
- ● F023F2BB030
- ● F023F2BB033

Dali
- ○ F023F2BD001
- ● F023F2BD006
- ● F023F2BD012
- ● F023F2BD018
- ● F023F2BD030
- ● F023F2BD033

**3000K**
Non Dimmable
- ○ F023F3BA001
- ● F023F3BA006
- ● F023F3BA012
- ● F023F3BA018
- ● F023F3BA030
- ● F023F3BA033

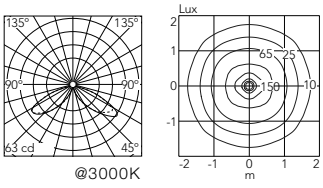
1-10V
- ○ F023F3BB001
- ● F023F3BB006
- ● F023F3BB012
- ● F023F3BB018
- ● F023F3BB030
- ● F023F3BB033

Dali
- ○ F023F3BD001
- ● F023F3BD006
- ● F023F3BD012
- ● F023F3BD018
- ● F023F3BD030
- ● F023F3BD033

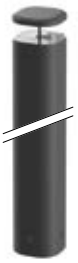
**4000K**
Non Dimmable
- ○ F023F4BA001
- ● F023F4BA006
- ● F023F4BA012
- ● F023F4BA018
- ● F023F4BA030
- ● F023F4BA033

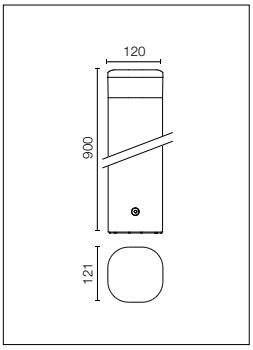
1-10V
- ○ F023F4BB001
- ● F023F4BB006
- ● F023F4BB012
- ● F023F4BB018
- ● F023F4BB030
- ● F023F4BB033

Dali
- ○ F023F4BD001
- ● F023F4BD006
- ● F023F4BD012
- ● F023F4BD018
- ● F023F4BD030
- ● F023F4BD033



## Pointbreak Bollard 2 - 900






IP 65 · 4 Kg · IK 09 · LED INCL

Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte kann mit Hilfe von Dübeln einfach auf jedem Bodentyp installiert werden. Die Ankerplatte für den Einbau in Betonpflaster muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. The luminaire may be easily installed on any type of floor with anchors. The anchoring plate for installation on flooring to be concreted must be ordered separately.

**Mid - Power Led:** 12,5W - 1374 lm ≠ FIXT 600 lm - 2700K/CRI>80 - 220-240V / 12,5W - 1429 lm ≠ FIXT 624 lm - 3000K/CRI>80 - 220-240V / 12,5W - 1538 lm ≠ FIXT 672 lm - 4000/CRI>80 - 220-240V

**2700K**
Non Dimmable
- ○ F023F2CA001
- F023F2CA006
- F023F2CA012
- F023F2CA018
- ● F023F2CA030
- F023F2CA033

1-10V
- ○ F023F2CB001
- F023F2CB006
- F023F2CB012
- F023F2CB018
- ● F023F2CB030
- F023F2CB033

Dali
- ○ F023F2CD001
- F023F2CD006
- F023F2CD012
- F023F2CD018
- ● F023F2CD030
- F023F2CD033

**3000K**
Non Dimmable
- ○ F023F3CA001
- F023F3CA006
- F023F3CA012
- F023F3CA018
- ● F023F3CA030
- F023F3CA033

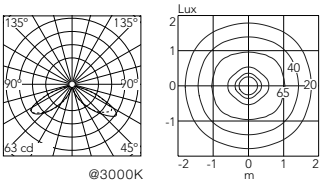
1-10V
- ○ F023F3CB001
- F023F3CB006
- F023F3CB012
- F023F3CB018
- ● F023F3CB030
- F023F3CB033

Dali
- ○ F023F3CD001
- F023F3CD006
- F023F3CD012
- F023F3CD018
- ● F023F3CD030
- F023F3CD033

**4000K**
Non Dimmable
- ○ F023F4CA001
- F023F4CA006
- F023F4CA012
- F023F4CA018
- ● F023F4CA030
- F023F4CA033

1-10V
- ○ F023F4CB001
- F023F4CB006
- F023F4CB012
- F023F4CB018
- ● F023F4CB030
- F023F4CB033

Dali
- ○ F023F4CD001
- F023F4CD006
- F023F4CD012
- F023F4CD018
- ● F023F4CD030
- F023F4CD033




## Pointbreak Mono Emission 180º

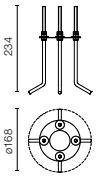
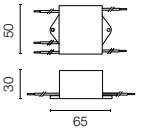
Pointbreak Bollard ist auch in einer Version mit einfacher Emission (180º) erhältlich, dank eines speziell geformten Verschlusses, der in die wasserdichte optische Einheit integriert ist.

Auf Wunsch kann der Lichtaustritt auf 90º oder 270º modifiziert werden.

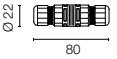
Pointbreak Bollard is also available as a single-emission version (180º) thanks to a special shaped shutter integrated in the watertight optical unit.

On request, the beam can be modified to 90º or 270º.

## Pointbreak: Zubehör / Accessories

| | | | | |
|---|---|---|---|---|
| Stiftschraubenplatte. | Base plate with bolt. | Pointbreak Bollard 2<br>F023Z060000 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | Pointbreak Bollard<br>F990E00A000 | |  |

## Pointbreak: Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

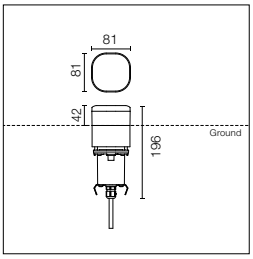
| | | | | |
|---|---|---|---|---|
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | | |

## Pointbreak: Zubehör für dimmbare Versionen / Accessories for dimmable versions

| | | | | |
|---|---|---|---|---|
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 | | |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 | | |

* Vorläufige technische Daten und Fotometrien. / Preliminary technical specs and photometries.

## Pointbreak Balisage 1 - 40



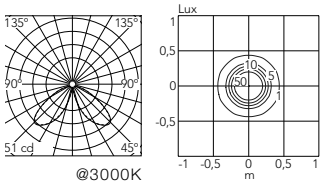

IP 65 | 1 Kg | IK 09 | LED INCL

Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte muss mit der obligatorischen Schalung installiert werden, die separat bestellt werden muss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. Luminaire must be installed with mandatory box for installation, ordered separately.

**Mid - Power Led:** 5,6W - 576 lm ≠ FIXT 274 lm - 2700K/CRI>80 - 220-240V / 5,6W - 600 lm ≠ FIXT 285 lm - 3000K/CRI>80 - 220-240V / 5,6W - 625 lm ≠ FIXT 307 lm - 4000/CRI>80 - 220-240V

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F023B2AA001 | ○ F023B3AA001 | ○ F023B4AA001 |
| ● F023B2AA006 | ● F023B3AA006 | ● F023B4AA006 |
| ● F023B2AA012 | ● F023B3AA012 | ● F023B4AA012 |
| ● F023B2AA018 | ● F023B3AA018 | ● F023B4AA018 |
| ● F023B2AA030 | ● F023B3AA030 | ● F023B4AA030 |
| ● F023B2AA033 | ● F023B3AA033 | ● F023B4AA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F023B2AB001 | ○ F023B3AB001 | ○ F023B4AB001 |
| ● F023B2AB006 | ● F023B3AB006 | ● F023B4AB006 |
| ● F023B2AB012 | ● F023B3AB012 | ● F023B4AB012 |
| ● F023B2AB018 | ● F023B3AB018 | ● F023B4AB018 |
| ● F023B2AB030 | ● F023B3AB030 | ● F023B4AB030 |
| ● F023B2AB033 | ● F023B3AB033 | ● F023B4AB033 |
| Dali | Dali | Dali |
| ○ F023B2AD001 | ○ F023B3AD001 | ○ F023B4AD001 |
| ● F023B2AD006 | ● F023B3AD006 | ● F023B4AD006 |
| ● F023B2AD012 | ● F023B3AD012 | ● F023B4AD012 |
| ● F023B2AD018 | ● F023B3AD018 | ● F023B4AD018 |
| ● F023B2AD030 | ● F023B3AD030 | ● F023B4AD030 |
| ● F023B2AD033 | ● F023B3AD033 | ● F023B4AD033 |

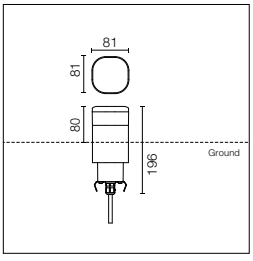


@3000K

Einbaugehäuse für Bodenmontage / Box for ground installation.

F023Z020000

## Pointbreak Balisage 1 - 80



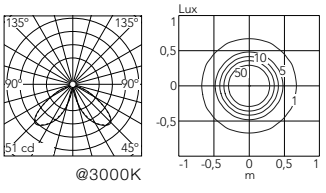

IP 65 | 1,1 Kg | IK 09 | LED INCL

Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte muss mit der obligatorischen Schalung installiert werden, die separat bestellt werden muss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. Luminaire must be installed with mandatory box for installation, ordered separately.

**Mid - Power Led:** 5,6W - 576 lm ≠ FIXT 274 lm - 2700K/CRI>80 - 220-240V / 5,6W - 600 lm ≠ FIXT 285 lm - 3000K/CRI>80 - 220-240V / 5,6W - 625 lm ≠ FIXT 307 lm - 4000/CRI>80 - 220-240V

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F023B2BA001 | ○ F023B3BA001 | ○ F023B4BA001 |
| ● F023B2BA006 | ● F023B3BA006 | ● F023B4BA006 |
| ● F023B2BA012 | ● F023B3BA012 | ● F023B4BA012 |
| ● F023B2BA018 | ● F023B3BA018 | ● F023B4BA018 |
| ● F023B2BA030 | ● F023B3BA030 | ● F023B4BA030 |
| ● F023B2BA033 | ● F023B3BA033 | ● F023B4BA033 |
| 1-10V | 1-10V | 1-10V |
| ○ F023B2BB001 | ○ F023B3BB001 | ○ F023B4BB001 |
| ● F023B2BB006 | ● F023B3BB006 | ● F023B4BB006 |
| ● F023B2BB012 | ● F023B3BB012 | ● F023B4BB012 |
| ● F023B2BB018 | ● F023B3BB018 | ● F023B4BB018 |
| ● F023B2BB030 | ● F023B3BB030 | ● F023B4BB030 |
| ● F023B2BB033 | ● F023B3BB033 | ● F023B4BB033 |
| Dali | Dali | Dali |
| ○ F023B2BD001 | ○ F023B3BD001 | ○ F023B4BD001 |
| ● F023B2BD006 | ● F023B3BD006 | ● F023B4BD006 |
| ● F023B2BD012 | ● F023B3BD012 | ● F023B4BD012 |
| ● F023B2BD018 | ● F023B3BD018 | ● F023B4BD018 |
| ● F023B2BD030 | ● F023B3BD030 | ● F023B4BD030 |
| ● F023B2BD033 | ● F023B3BD033 | ● F023B4BD033 |



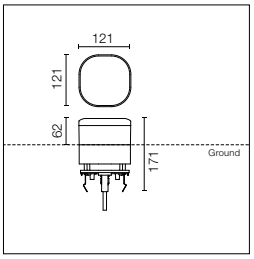
@3000K

Einbaugehäuse für Bodenmontage / Box for ground installation.

F023Z020000

* Vorläufige technische Daten und Fotometrien. / Preliminary technical specs and photometries.

## Pointbreak Balisage 2 - 60




IP 65 · IK 09 · 1,6 Kg · LED INCL

Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte muss mit der obligatorischen Schalung installiert werden, die separat bestellt werden muss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. Luminaire must be installed with mandatory box for installation, ordered separately.

**Mid - Power Led:** 12,5W - 1374 lm ≠ FIXT 600 lm - 2700K/CRI>80 - 220-240V / 12,5W - 1429 lm ≠ FIXT 624 lm - 3000K/CRI>80 - 220-240V / 12,5W - 1538 lm ≠ FIXT 672 lm - 4000/CRI>80 - 220-240V

**2700K**
Non Dimmable
- ○ F023C2CA001
- ● F023C2CA006
- ● F023C2CA012
- ● F023C2CA018
- ● F023C2CA030
- ● F023C2CA033

1-10V
- ○ F023C2CB001
- ● F023C2CB006
- ● F023C2CB012
- ● F023C2CB018
- ● F023C2CB030
- ● F023C2CB033

Dali
- ○ F023C2CD001
- ● F023C2CD006
- ● F023C2CD012
- ● F023C2CD018
- ● F023C2CD030
- ● F023C2CD033

**3000K**
Non Dimmable
- ○ F023C3CA001
- ● F023C3CA006
- ● F023C3CA012
- ● F023C3CA018
- ● F023C3CA030
- ● F023C3CA033

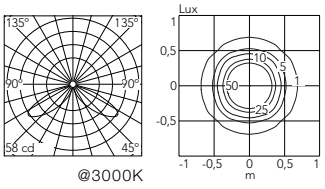
1-10V
- ○ F023C3CB001
- ● F023C3CB006
- ● F023C3CB012
- ● F023C3CB018
- ● F023C3CB030
- ● F023C3CB033

Dali
- ○ F023C3CD001
- ● F023C3CD006
- ● F023C3CD012
- ● F023C3CD018
- ● F023C3CD030
- ● F023C3CD033

**4000K**
Non Dimmable
- ○ F023C4CA001
- ● F023C4CA006
- ● F023C4CA012
- ● F023C4CA018
- ● F023C4CA030
- ● F023C4CA033

1-10V
- ○ F023C4CB001
- ● F023C4CB006
- ● F023C4CB012
- ● F023C4CB018
- ● F023C4CB030
- ● F023C4CB033

Dali
- ○ F023C4CD001
- ● F023C4CD006
- ● F023C4CD012
- ● F023C4CD018
- ● F023C4CD030
- ● F023C4CD033

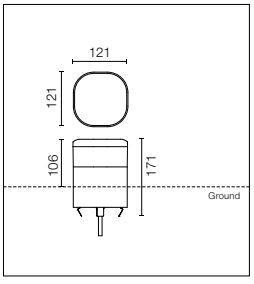


@3000K

Einbaugehäuse für Bodenmontage / Box for ground installation.

F023Z030000

## Pointbreak Balisage 2 - 105




IP 65 · IK 09 · 1,7 Kg · LED INCL

Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Ausgestattet mit einem Stück Neopren-Ausgangskabel. IP68 Abzweigsystem muss separat bestellt werden. Die Leuchte muss mit der obligatorischen Schalung installiert werden, die separat bestellt werden muss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with one piece of neoprene output cable. IP68 junction system to be ordered separately. Luminaire must be installed with mandatory box for installation, ordered separately.

**Mid - Power Led:** 12,5W - 1374 lm ≠ FIXT 600 lm - 2700K/CRI>80 - 220-240V / 12,5W - 1429 lm ≠ FIXT 624 lm - 3000K/CRI>80 - 220-240V / 12,5W - 1538 lm ≠ FIXT 672 lm - 4000/CRI>80 - 220-240V

**2700K**
Non Dimmable
- ○ F023C2DA001
- ● F023C2DA006
- ● F023C2DA012
- ● F023C2DA018
- ● F023C2DA030
- ● F023C2DA033

1-10V
- ○ F023C2DB001
- ● F023C2DB006
- ● F023C2DB012
- ● F023C2DB018
- ● F023C2DB030
- ● F023C2DB033

Dali
- ○ F023C2DD001
- ● F023C2DD006
- ● F023C2DD012
- ● F023C2DD018
- ● F023C2DD030
- ● F023C2DD033

**3000K**
Non Dimmable
- ○ F023C3DA001
- ● F023C3DA006
- ● F023C3DA012
- ● F023C3DA018
- ● F023C3DA030
- ● F023C3DA033

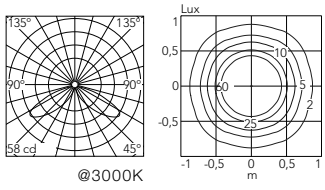
1-10V
- ○ F023C3DB001
- ● F023C3DB006
- ● F023C3DB012
- ● F023C3DB018
- ● F023C3DB030
- ● F023C3DB033

Dali
- ○ F023C3DD001
- ● F023C3DD006
- ● F023C3DD012
- ● F023C3DD018
- ● F023C3DD030
- ● F023C3DD033

**4000K**
Non Dimmable
- ○ F023C4DA001
- ● F023C4DA006
- ● F023C4DA012
- ● F023C4DA018
- ● F023C4DA030
- ● F023C4DA033

1-10V
- ○ F023C4DB001
- ● F023C4DB006
- ● F023C4DB012
- ● F023C4DB018
- ● F023C4DB030
- ● F023C4DB033

Dali
- ○ F023C4DD001
- ● F023C4DD006
- ● F023C4DD012
- ● F023C4DD018
- ● F023C4DD030
- ● F023C4DD033



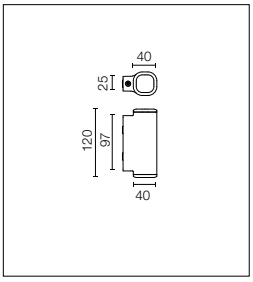
@3000K

Einbaugehäuse für Bodenmontage / Box for ground installation.

F023Z040000

* Vorläufige technische Daten und Fotometrien. / Preliminary technical specs and photometries.

## Pointbreak Wall 0 Up




IP 65 · IK 06 · 0,8 Kg · LED INCL · ON/OFF

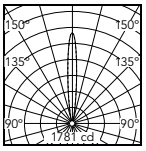
Inklusive LED-Lichtquelle. Integrierte 220-240 V ON/OFF-Stromversorgung. Ausgestattet mit IP65 Gummitülle und 2-poligen Schnellanschlussklemmen.

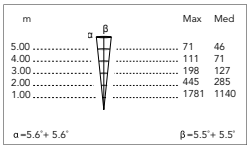
LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with IP65 rubber grommet and 2-pole quick-connect terminals.

**Power Led:** 2,1W - 139 lm ≠ *FIXT 101 lm - 2700K/CRI>80 - 220-240V / 2,1W - 149 lm ≠ *FIXT 104 lm - 3000K/CRI>80 - 220-240V / 2,1W - 154 lm ≠ *FIXT 108 lm - 4000/CRI>80 - 220-240V
*FIXT lm = Spot Optic

### Optic Spot

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F023G2EA001 | ○ F023G3EA001 | ○ F023G4EA001 |
| F023G2EA006 | F023G3EA006 | F023G4EA006 |
| F023G2EA012 | F023G3EA012 | F023G4EA012 |
| F023G2EA018 | F023G3EA018 | F023G4EA018 |
| F023G2EA030 | F023G3EA030 | F023G4EA030 |
| F023G2EA033 | F023G3EA033 | F023G4EA033 |

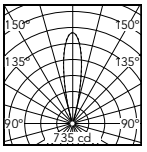


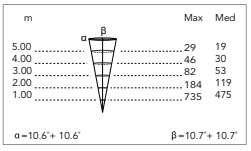




@3000K

### Optic Medium

| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F023G2FA001 | ○ F023G3FA001 | ○ F023G4FA001 |
| F023G2FA006 | F023G3FA006 | F023G4FA006 |
| F023G2FA012 | F023G3FA012 | F023G4FA012 |
| F023G2FA018 | F023G3FA018 | F023G4FA018 |
| F023G2FA030 | F023G3FA030 | F023G4FA030 |
| F023G2FA033 | F023G3FA033 | F023G4FA033 |

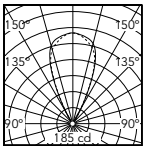


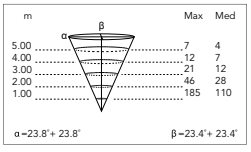




@3000K

### Optic Flood

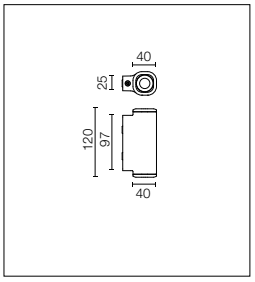
| 2700K<br>Non Dimmable | 3000K<br>Non Dimmable | 4000K<br>Non Dimmable |
|---|---|---|
| ○ F023G2GA001 | ○ F023G3GA001 | ○ F023G4GA001 |
| F023G2GA006 | F023G3GA006 | F023G4GA006 |
| F023G2GA012 | F023G3GA012 | F023G4GA012 |
| F023G2GA018 | F023G3GA018 | F023G4GA018 |
| F023G2GA030 | F023G3GA030 | F023G4GA030 |
| F023G2GA033 | F023G3GA033 | F023G4GA033 |

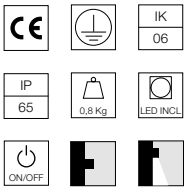



@3000K

## Pointbreak Wall 0 Down



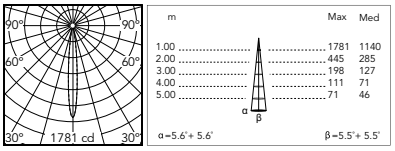

Inklusive LED-Lichtquelle. Integrierte 220-240 V ON/ OFF-Stromversorgung. Ausgestattet mit IP65 Gummitülle und 2-poligen Schnellanschlussklemmen.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with IP65 rubber grommet and 2-pole quick-connect terminals.

**Power Led:** 2,1W - 139 lm ≠ *FIXT 101 lm - 2700K/CRI>80 - 220-240V / 2,1W - 149 lm ≠ *FIXT 104 lm - 3000K/CRI>80 - 220-240V / 2,1W - 154 lm ≠ *FIXT 108 lm - 4000/CRI>80 - 220-240V
*FIXT lm = Spot Optic

### Optic Spot

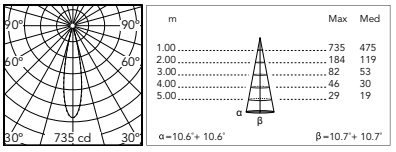
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F023G2JA001 | ○ F023G3JA001 | ○ F023G4JA001 |
| ● F023G2JA006 | ● F023G3JA006 | ● F023G4JA006 |
| ● F023G2JA012 | ● F023G3JA012 | ● F023G4JA012 |
| ● F023G2JA018 | ● F023G3JA018 | ● F023G4JA018 |
| ● F023G2JA030 | ● F023G3JA030 | ● F023G4JA030 |
| ● F023G2JA033 | ● F023G3JA033 | ● F023G4JA033 |




@3000K

### Optic Medium

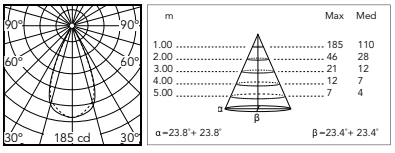
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F023G2KA001 | ○ F023G3KA001 | ○ F023G4KA001 |
| ● F023G2KA006 | ● F023G3KA006 | ● F023G4KA006 |
| ● F023G2KA012 | ● F023G3KA012 | ● F023G4KA012 |
| ● F023G2KA018 | ● F023G3KA018 | ● F023G4KA018 |
| ● F023G2KA030 | ● F023G3KA030 | ● F023G4KA030 |
| ● F023G2KA033 | ● F023G3KA033 | ● F023G4KA033 |




@3000K

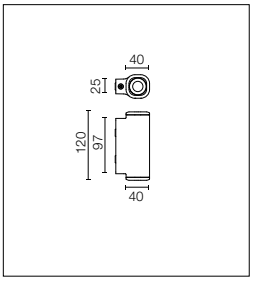
### Optic Flood

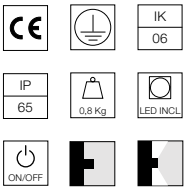
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F023G2LA001 | ○ F023G3LA001 | ○ F023G4LA001 |
| ● F023G2LA006 | ● F023G3LA006 | ● F023G4LA006 |
| ● F023G2LA012 | ● F023G3LA012 | ● F023G4LA012 |
| ● F023G2LA018 | ● F023G3LA018 | ● F023G4LA018 |
| ● F023G2LA030 | ● F023G3LA030 | ● F023G4LA030 |
| ● F023G2LA033 | ● F023G3LA033 | ● F023G4LA033 |




@3000K

## Pointbreak Wall 0 Up&Down




Inklusive LED-Lichtquelle. Integrierte 220-240 V ON/OFF-Stromversorgung. Ausgestattet mit IP65 Gummitülle und 2-poligen Schnellanschlussklemmen.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with IP65 rubber grommet and 2-pole quick-connect terminals.

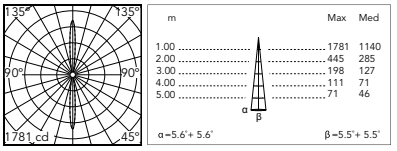
**Power Led:** 3,1W - 2x139 lm ≠ *FIXT 2x101 lm - 2700K/CRI>80 - 220-240V / 3,1W - 2x149 lm ≠ *FIXT 2x104 lm - 3000K/CRI>80 - 220-240V / 3,1W - 2x154 lm ≠ *FIXT 2x108 lm - 4000/CRI>80 - 220-240V
*FIXT lm = Spot Optic

### Optic Spot

**2700K**
Non Dimmable
- F023G25A001
- F023G25A006
- F023G25A012
- F023G25A018
- F023G25A030
- F023G25A033

**3000K**
Non Dimmable
- F023G35A001
- F023G35A006
- F023G35A012
- F023G35A018
- F023G35A030
- F023G35A033

**4000K**
Non Dimmable
- F023G45A001
- F023G45A006
- F023G45A012
- F023G45A018
- F023G45A030
- F023G45A033



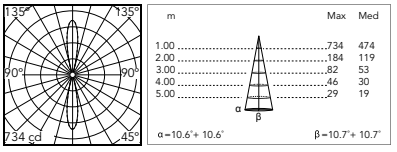

@3000K

### Optic Medium

**2700K**
Non Dimmable
- F023G26A001
- F023G26A006
- F023G26A012
- F023G26A018
- F023G26A030
- F023G26A033

**3000K**
Non Dimmable
- F023G36A001
- F023G36A006
- F023G36A012
- F023G36A018
- F023G36A030
- F023G36A033

**4000K**
Non Dimmable
- F023G46A001
- F023G46A006
- F023G46A012
- F023G46A018
- F023G46A030
- F023G46A033



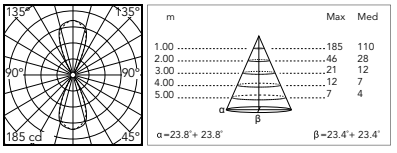

@3000K

### Optic Flood

**2700K**
Non Dimmable
- F023G27A001
- F023G27A006
- F023G27A012
- F023G27A018
- F023G27A030
- F023G27A033

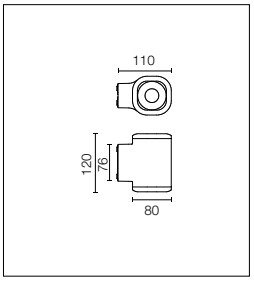
**3000K**
Non Dimmable
- F023G37A001
- F023G37A006
- F023G37A012
- F023G37A018
- F023G37A030
- F023G37A033

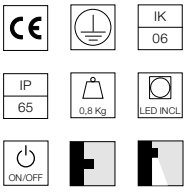
**4000K**
Non Dimmable
- F023G47A001
- F023G47A006
- F023G47A012
- F023G47A018
- F023G47A030
- F023G47A033




@3000K

* Vorläufige technische Daten. / Preliminary technical specs.



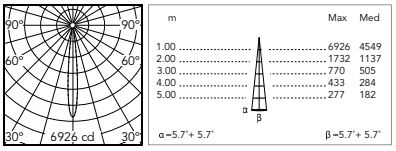

Inklusive LED-Lichtquelle. Integrierte 220-240 V ON/ OFF-Stromversorgung. Ausgestattet mit doppelten Kabelverschraubungen für Eingangs- und Ausgangsanschluss. Aufwärts gerichtete Monoemissions-Version auf Anfrage erhältlich.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for inlet and outlet connection. Upwards, single emission version, available upon request.

### Optic Spot

**Power Led:** 5,5W - 543 lm ≠ FIXT 319 lm - 2700K/CRI>80 - 220-240V / 5,5W - 570 lm ≠ FIXT 335 lm - 3000K/CRI>80 - 220-240V / 5,5W - 597 lm ≠ FIXT 367 lm - 4000/CRI>80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F023H21A001 | ○ F023H31A001 | ○ F023H41A001 |
| ● F023H21A006 | ● F023H31A006 | ● F023H41A006 |
| ● F023H21A012 | ● F023H31A012 | ● F023H41A012 |
| ● F023H21A018 | ● F023H31A018 | ● F023H41A018 |
| ● F023H21A030 | ● F023H31A030 | ● F023H41A030 |
| ● F023H21A033 | ● F023H31A033 | ● F023H41A033 |

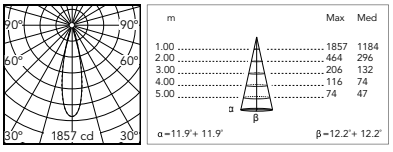



@3000K

### Optic Medium

**Power LED:** 5,5W - 543 lm ≠ FIXT 350 lm - 2700K/CRI>80 - 220-240V / 5,5W - 570 lm ≠ FIXT 367 lm - 3000K/CRI>80 - 220-240V / 5,5W - 597 lm ≠ FIXT 402 lm - 4000/CRI>80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F023H22A001 | ○ F023H32A001 | ○ F023H42A001 |
| ● F023H22A006 | ● F023H32A006 | ● F023H42A006 |
| ● F023H22A012 | ● F023H32A012 | ● F023H42A012 |
| ● F023H22A018 | ● F023H32A018 | ● F023H42A018 |
| ● F023H22A030 | ● F023H32A030 | ● F023H42A030 |
| ● F023H22A033 | ● F023H32A033 | ● F023H42A033 |

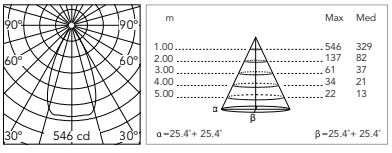



@3000K

### Optic Flood

**Power LED:** 5,5W - 543 lm ≠ FIXT 364 lm - 2700K/CRI>80 - 220-240V / 5,5W - 570 lm ≠ FIXT 382 lm - 3000K/CRI>80 - 220-240V / 5,5W - 597 lm ≠ FIXT 400 lm - 4000/CRI>80 - 220-240V

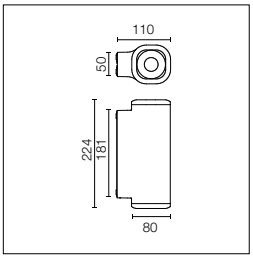
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F023H23A001 | ○ F023H33A001 | ○ F023H43A001 |
| ● F023H23A006 | ● F023H33A006 | ● F023H43A006 |
| ● F023H23A012 | ● F023H33A012 | ● F023H43A012 |
| ● F023H23A018 | ● F023H33A018 | ● F023H43A018 |
| ● F023H23A030 | ● F023H33A030 | ● F023H43A030 |
| ● F023H23A033 | ● F023H33A033 | ● F023H43A033 |

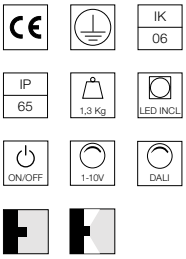



@3000K

* Vorläufige technische Daten. / Preliminary technical specs.

## Pointbreak Wall 1 Up&Down




Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI.
Ausgestattet mit doppelten Kabeldurchführungen für den Eingangs- und Ausgangsanschluss.
Version Monoemission nach oben oder Monoemission nach unten auf Anfrage.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power.
Equipped with double cable gland for inlet and outlet connection.
Upon request: Single upwards emission or single downwards emission.

### Optic Spot

**Power Led:** 12W - 2x543 lm ≠ FIXT 2x319 lm - 2700K/CRI>80 - 220-240V / 12W - 2x570 lm ≠ FIXT 2x335 lm - 3000K/CRI>80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x367 lm - 4000/CRI>80 - 220-240V

**2700K**
Non Dimmable
- ○ F023H25A001
- ● F023H25A006
- ● F023H25A012
- ● F023H25A018
- ● F023H25A030
- ● F023H25A033

1-10V
- ○ F023H25B001
- ● F023H25B006
- ● F023H25B012
- ● F023H25B018
- ● F023H25B030
- ● F023H25B033

Dali
- ○ F023H25D001
- ● F023H25D006
- ● F023H25D012
- ● F023H25D018
- ● F023H25D030
- ● F023H25D033

**3000K**
Non Dimmable
- ○ F023H35A001
- ● F023H35A006
- ● F023H35A012
- ● F023H35A018
- ● F023H35A030
- ● F023H35A033

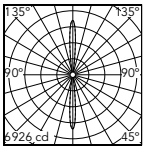
1-10V
- ○ F023H35B001
- ● F023H35B006
- ● F023H35B012
- ● F023H35B018
- ● F023H35B030
- ● F023H35B033

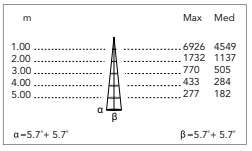
Dali
- ○ F023H35D001
- ● F023H35D006
- ● F023H35D012
- ● F023H35D018
- ● F023H35D030
- ● F023H35D033

**4000K**
Non Dimmable
- ○ F023H45A001
- ● F023H45A006
- ● F023H45A012
- ● F023H45A018
- ● F023H45A030
- ● F023H45A033

1-10V
- ○ F023H45B001
- ● F023H45B006
- ● F023H45B012
- ● F023H45B018
- ● F023H45B030
- ● F023H45B033

Dali
- ○ F023H45D001
- ● F023H45D006
- ● F023H45D012
- ● F023H45D018
- ● F023H45D030
- ● F023H45D033




@3000K

### Optic Medium

**Power Led:** 12W - 2x543 lm ≠ FIXT 2x319 lm - 2700K/CRI>80 - 220-240V / 12W - 2x570 lm ≠ FIXT 2x367 lm - 3000K/CRI>80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x402 lm - 4000/CRI>80 - 220-240V

**2700K**
Non Dimmable
- ○ F023H26A001
- ● F023H26A006
- ● F023H26A012
- ● F023H26A018
- ● F023H26A030
- ● F023H26A033

1-10V
- ○ F023H26B001
- ● F023H26B006
- ● F023H26B012
- ● F023H26B018
- ● F023H26B030
- ● F023H26B033

Dali
- ○ F023H26D001
- ● F023H26D006
- ● F023H26D012
- ● F023H26D018
- ● F023H26D030
- ● F023H26D033

**3000K**
Non Dimmable
- ○ F023H36A001
- ● F023H36A006
- ● F023H36A012
- ● F023H36A018
- ● F023H36A030
- ● F023H36A033

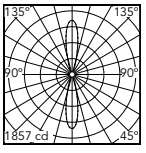
1-10V
- ○ F023H36B001
- ● F023H36B006
- ● F023H36B012
- ● F023H36B018
- ● F023H36B030
- ● F023H36B033

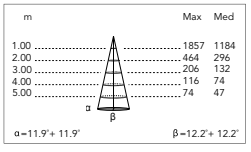
Dali
- ○ F023H36D001
- ● F023H36D006
- ● F023H36D012
- ● F023H36D018
- ● F023H36D030
- ● F023H36D033

**4000K**
Non Dimmable
- ○ F023H46A001
- ● F023H46A006
- ● F023H46A012
- ● F023H46A018
- ● F023H46A030
- ● F023H46A033

1-10V
- ○ F023H46B001
- ● F023H46B006
- ● F023H46B012
- ● F023H46B018
- ● F023H46B030
- ● F023H46B033

Dali
- ○ F023H46D001
- ● F023H46D006
- ● F023H46D012
- ● F023H46D018
- ● F023H46D030
- ● F023H46D033




@3000K

* Vorläufige technische Daten. / Preliminary technical specs.

**Optic Flood**

**Power Led:** 12W - 2x543 lm ≠ FIXT 2x364 lm - 2700K/CRI>80 - 220-240V / 12W - 2x570 lm ≠ FIXT 2x382 lm - 3000K/CRI>80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x400 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable

- F023H27A001
- F023H27A006
- F023H27A012
- F023H27A018
- F023H27A030
- F023H27A033

1-10V

- F023H27B001
- F023H27B006
- F023H27B012
- F023H27B018
- F023H27B030
- F023H27B033

Dali

- F023H27D001
- F023H27D006
- F023H27D012
- F023H27D018
- F023H27D030
- F023H27D033

**3000K**

Non Dimmable

- F023H37A001
- F023H37A006
- F023H37A012
- F023H37A018
- F023H37A030
- F023H37A033

1-10V

- F023H37B001
- F023H37B006
- F023H37B012
- F023H37B018
- F023H37B030
- F023H37B033

Dali

- F023H37D001
- F023H37D006
- F023H37D012
- F023H37D018
- F023H37D030
- F023H37D033

**4000K**

Non Dimmable

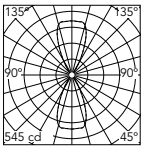
- F023H47A001
- F023H47A006
- F023H47A012
- F023H47A018
- F023H47A030
- F023H47A033

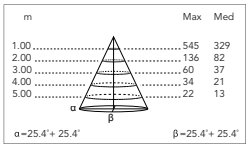
1-10V

- F023H47B001
- F023H47B006
- F023H47B012
- F023H47B018
- F023H47B030
- F023H47B033

Dali

- F023H47D001
- F023H47D006
- F023H47D012
- F023H47D018
- F023H47D030
- F023H47D033

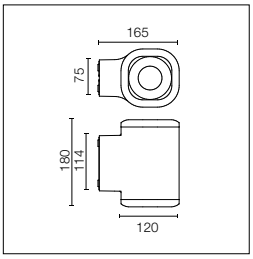


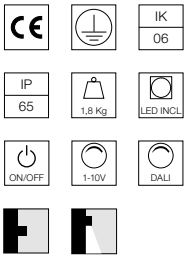




@3000K

* Vorläufige technische Daten. / Preliminary technical specs.

## Pointbreak Wall 2 Down




Inklusive LED-Lichtquelle.
Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI.
Ausgestattet mit doppelten Kabeldurchführungen für den Eingangs- und Ausgangsanschluss.
Aufwärts gerichtete Monoemissions-Version auf Anfrage erhältlich.

LED light source included.
Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power.
Equipped with double cable gland for inlet and outlet connection.
Upwards, single emission version, available upon request.

### Optic Spot

**Power Led:** 16,5W - 1890 lm ≠ FIXT 1108 lm - 2700K/CRI>80 - 220-240V / 16,5W - 1960 lm ≠ FIXT 1149 lm - 3000K/CRI>80 - 220-240V / 16,5W - 2030 lm ≠ FIXT 1190 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable
- ○ F023J21A001
- ● F023J21A006
- ● F023J21A012
- ● F023J21A018
- ● F023J21A030
- ● F023J21A033

1-10V
- ○ F023J21B001
- ● F023J21B006
- ● F023J21B012
- ● F023J21B018
- ● F023J21B030
- ● F023J21B033

Dali
- ○ F023J21D001
- ● F023J21D006
- ● F023J21D012
- ● F023J21D018
- ● F023J21D030
- ● F023J21D033

**3000K**

Non Dimmable
- ○ F023J31A001
- ● F023J31A006
- ● F023J31A012
- ● F023J31A018
- ● F023J31A030
- ● F023J31A033

1-10V
- ○ F023J31B001
- ● F023J31B006
- ● F023J31B012
- ● F023J31B018
- ● F023J31B030
- ● F023J31B033

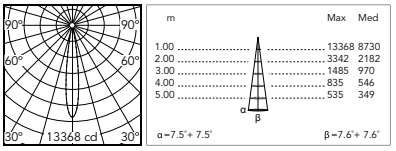
Dali
- ○ F023J31D001
- ● F023J31D006
- ● F023J31D012
- ● F023J31D018
- ● F023J31D030
- ● F023J31D033

**4000K**

Non Dimmable
- ○ F023J41A001
- ● F023J41A006
- ● F023J41A012
- ● F023J41A018
- ● F023J41A030
- ● F023J41A033

1-10V
- ○ F023J41B001
- ● F023J41B006
- ● F023J41B012
- ● F023J41B018
- ● F023J41B030
- ● F023J41B033

Dali
- ○ F023J41D001
- ● F023J41D006
- ● F023J41D012
- ● F023J41D018
- ● F023J41D030
- ● F023J41D033




@3000K

### Optic Medium

**Power Led:** 16,5W - 1890 lm ≠ FIXT 1215 lm - 2700K/CRI>80 - 220-240V / 16,5W - 1960 lm ≠ FIXT 1260 lm - 3000K/CRI>80 - 220-240V / 16,5W - 2030 lm ≠ FIXT 1305 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable
- ○ F023J22A001
- ● F023J22A006
- ● F023J22A012
- ● F023J22A018
- ● F023J22A030
- ● F023J22A033

1-10V
- ○ F023J22B001
- ● F023J22B006
- ● F023J22B012
- ● F023J22B018
- ● F023J22B030
- ● F023J22B033

Dali
- ○ F023J22D001
- ● F023J22D006
- ● F023J22D012
- ● F023J22D018
- ● F023J22D030
- ● F023J22D033

**3000K**

Non Dimmable
- ○ F023J32A001
- ● F023J32A006
- ● F023J32A012
- ● F023J32A018
- ● F023J32A030
- ● F023J32A033

1-10V
- ○ F023J32B001
- ● F023J32B006
- ● F023J32B012
- ● F023J32B018
- ● F023J32B030
- ● F023J32B033

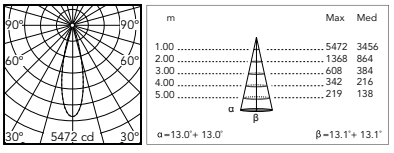
Dali
- ○ F023J32D001
- ● F023J32D006
- ● F023J32D012
- ● F023J32D018
- ● F023J32D030
- ● F023J32D033

**4000K**

Non Dimmable
- ○ F023J42A001
- ● F023J42A006
- ● F023J42A012
- ● F023J42A018
- ● F023J42A030
- ● F023J42A033

1-10V
- ○ F023J42B001
- ● F023J42B006
- ● F023J42B012
- ● F023J42B018
- ● F023J42B030
- ● F023J42B033

Dali
- ○ F023J42D001
- ● F023J42D006
- ● F023J42D012
- ● F023J42D018
- ● F023J42D030
- ● F023J42D033




@3000K

* Vorläufige technische Daten. / Preliminary technical specs.

**Optic Flood**

**Power Led:** 16,5W - 1890 lm ≠ FIXT 1342 lm - 2700K/CRI>80 - 220-240V / 16,5W - 1960 lm ≠ FIXT 1392 lm - 3000K/CRI>80 - 220-240V / 16,5W - 2030 lm ≠ FIXT 1442 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable

- F023J23A001
- F023J23A006
- F023J23A012
- F023J23A018
- F023J23A030
- F023J23A033

1-10V

- F023J23B001
- F023J23B006
- F023J23B012
- F023J23B018
- F023J23B030
- F023J23B033

Dali

- F023J23D001
- F023J23D006
- F023J23D012
- F023J23D018
- F023J23D030
- F023J23D033

**3000K**

Non Dimmable

- F023J33A001
- F023J33A006
- F023J33A012
- F023J33A018
- F023J33A030
- F023J33A033

1-10V

- F023J33B001
- F023J33B006
- F023J33B012
- F023J33B018
- F023J33B030
- F023J33B033

Dali

- F023J33D001
- F023J33D006
- F023J33D012
- F023J33D018
- F023J33D030
- F023J33D033

**4000K**

Non Dimmable

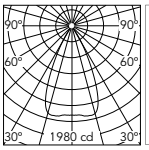
- F023J43A001
- F023J43A006
- F023J43A012
- F023J43A018
- F023J43A030
- F023J43A033

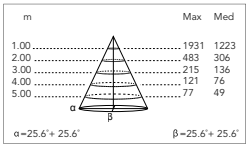
1-10V

- F023J43B001
- F023J43B006
- F023J43B012
- F023J43B018
- F023J43B030
- F023J43B033

Dali

- F023J43D001
- F023J43D006
- F023J43D012
- F023J43D018
- F023J43D030
- F023J43D033

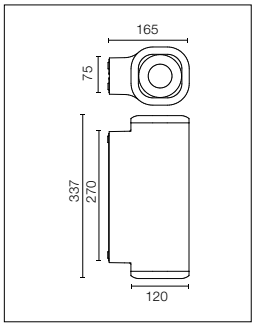


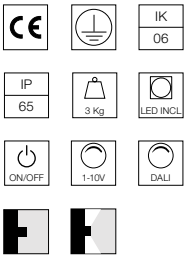




@3000K

* Vorläufige technische Daten. / Preliminary technical specs.

## Pointbreak Wall 2 Up&Down




Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI.
Ausgestattet mit doppelten Kabeldurchführungen für den Eingangs- und Ausgangsanschluss.
Version Monoemission nach oben oder Monoemission nach unten auf Anfrage.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power.
Equipped with double cable gland for inlet and outlet connection.
Upon request: Single upwards emission or single downwards emission.

### Optic Spot

**Power Led:** 32W - 2x1890 lm ≠ FIXT 2x1108 lm - 2700K/CRI>80 - 220-240V / 32W - 2x1960 lm ≠ FIXT 2x1149 lm - 3000K/CRI>80 - 220-240V / 32W - 2x2030 lm ≠ FIXT 2x1190 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable
- F023J25A001
- F023J25A006
- F023J25A012
- F023J25A018
- F023J25A030
- F023J25A033

1-10V
- F023J25B001
- F023J25B006
- F023J25B012
- F023J25B018
- F023J25B030
- F023J25B033

Dali
- F023J25D001
- F023J25D006
- F023J25D012
- F023J25D018
- F023J25D030
- F023J25D033

**3000K**

Non Dimmable
- F023J35A001
- F023J35A006
- F023J35A012
- F023J35A018
- F023J35A030
- F023J35A033

1-10V
- F023J35B001
- F023J35B006
- F023J35B012
- F023J35B018
- F023J35B030
- F023J35B033

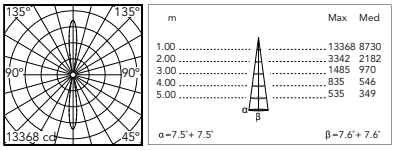
Dali
- F023J35D001
- F023J35D006
- F023J35D012
- F023J35D018
- F023J35D030
- F023J35D033

**4000K**

Non Dimmable
- F023J45A001
- F023J45A006
- F023J45A012
- F023J45A018
- F023J45A030
- F023J45A033

1-10V
- F023J45B001
- F023J45B006
- F023J45B012
- F023J45B018
- F023J45B030
- F023J45B033

Dali
- F023J45D001
- F023J45D006
- F023J45D012
- F023J45D018
- F023J45D030
- F023J45D033




@3000K

### Optic Medium

**Power Led:** 32W - 2x1890 lm ≠ FIXT 2x1215 lm - 2700K/CRI>80 - 220-240V / 32W - 2x1960 lm ≠ FIXT 2x1260 lm - 3000K/CRI>80 - 220-240V / 32W - 2x2030 lm ≠ FIXT 2x1305 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable
- F023J26A001
- F023J26A006
- F023J26A012
- F023J26A018
- F023J26A030
- F023J26A033

1-10V
- F023J26B001
- F023J26B006
- F023J26B012
- F023J26B018
- F023J26B030
- F023J26B033

Dali
- F023J26D001
- F023J26D006
- F023J26D012
- F023J26D018
- F023J26D030
- F023J26D033

**3000K**

Non Dimmable
- F023J36A001
- F023J36A006
- F023J36A012
- F023J36A018
- F023J36A030
- F023J36A033

1-10V
- F023J36B001
- F023J36B006
- F023J36B012
- F023J36B018
- F023J36B030
- F023J36B033

Dali
- F023J36D001
- F023J36D006
- F023J36D012
- F023J36D018
- F023J36D030
- F023J36D033

**4000K**

Non Dimmable
- F023J46A001
- F023J46A006
- F023J46A012
- F023J46A018
- F023J46A030
- F023J46A033

1-10V
- F023J46B001
- F023J46B006
- F023J46B012
- F023J46B018
- F023J46B030
- F023J46B033

Dali
- F023J46D001
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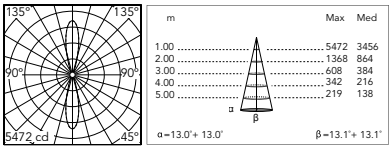



@3000K

* Vorläufige technische Daten. / Preliminary technical specs.

**Optic Flood**

**Power Led:** 32W - 2x1890 lm ≠ FIXT 2x1342 lm - 2700K/CRI>80 - 220-240V / 32W - 2x1960 lm ≠ FIXT 2x1392 lm - 3000K/CRI>80 - 220-240V / 32W - 2x2030 lm ≠ FIXT 2x1442 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable

- ○ F023J27A001
- ● F023J27A006
- ● F023J27A012
- ● F023J27A018
- ● F023J27A030
- ● F023J27A033

1-10V

- ○ F023J27B001
- ● F023J27B006
- ● F023J27B012
- ● F023J27B018
- ● F023J27B030
- ● F023J27B033

Dali

- ○ F023J27D001
- ● F023J27D006
- ● F023J27D012
- ● F023J27D018
- ● F023J27D030
- ● F023J27D033

**3000K**

Non Dimmable

- ○ F023J37A001
- ● F023J37A006
- ● F023J37A012
- ● F023J37A018
- ● F023J37A030
- ● F023J37A033

1-10V

- ○ F023J37B001
- ● F023J37B006
- ● F023J37B012
- ● F023J37B018
- ● F023J37B030
- ● F023J37B033

Dali

- ○ F023J37D001
- ● F023J37D006
- ● F023J37D012
- ● F023J37D018
- ● F023J37D030
- ● F023J37D033

**4000K**

Non Dimmable

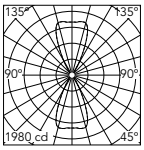
- ○ F023J47A001
- ● F023J47A006
- ● F023J47A012
- ● F023J47A018
- ● F023J47A030
- ● F023J47A033

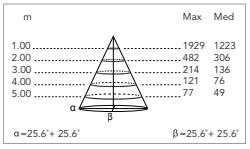
1-10V

- ○ F023J47B001
- ● F023J47B006
- ● F023J47B012
- ● F023J47B018
- ● F023J47B030
- ● F023J47B033

Dali

- ○ F023J47D001
- ● F023J47D006
- ● F023J47D012
- ● F023J47D018
- ● F023J47D030
- ● F023J47D033

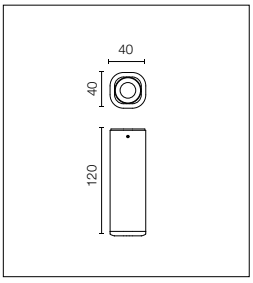


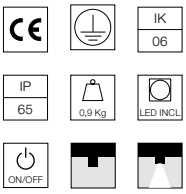




@3000K

* Vorläufige technische Daten. / Preliminary technical specs.

## Pointbreak Ceiling 0




Inklusive LED-Lichtquelle. Integrierte 220-240 V ON/OFF-Stromversorgung. Ausgestattet mit IP65 Gummitülle und 2-poligen Schnellanschlussklemmen.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with IP65 rubber grommet and 2-pole quick-connect terminals.

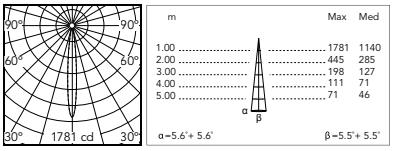
**Power LED:** 2,1W - 139 lm ≠ *FIXT 101 lm - 2700K/CRI>80 - 220-240V / 2,1W - 149 lm ≠ *FIXT 104 lm - 3000K/CRI>80 - 220-240V / 2,1W - 154 lm ≠ *FIXT 108 lm - 4000/CRI>80 - 220-240V
*FIXT lm = Spot Optic

### Optic Spot

**2700K**
Non Dimmable
- ○ F023K21A001
- ● F023K21A006
- ● F023K21A012
- ● F023K21A018
- ● F023K21A030
- ● F023K21A033

**3000K**
Non Dimmable
- ○ F023K31A001
- ● F023K31A006
- ● F023K31A012
- ● F023K31A018
- ● F023K31A030
- ● F023K31A033

**4000K**
Non Dimmable
- ○ F023K41A001
- ● F023K41A006
- ● F023K41A012
- ● F023K41A018
- ● F023K41A030
- ● F023K41A033



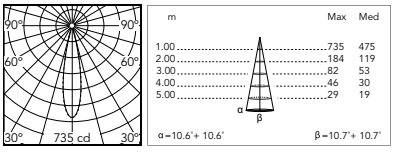

@3000K

### Optic Medium

**2700K**
Non Dimmable
- ○ F023K22A001
- ● F023K22A006
- ● F023K22A012
- ● F023K22A018
- ● F023K22A030
- ● F023K22A033

**3000K**
Non Dimmable
- ○ F023K32A001
- ● F023K32A006
- ● F023K32A012
- ● F023K32A018
- ● F023K32A030
- ● F023K32A033

**4000K**
Non Dimmable
- ○ F023K42A001
- ● F023K42A006
- ● F023K42A012
- ● F023K42A018
- ● F023K42A030
- ● F023K42A033



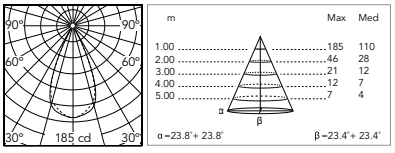

@3000K

### Optic Flood

**2700K**
Non Dimmable
- ○ F023K23A001
- ● F023K23A006
- ● F023K23A012
- ● F023K23A018
- ● F023K23A030
- ● F023K23A033

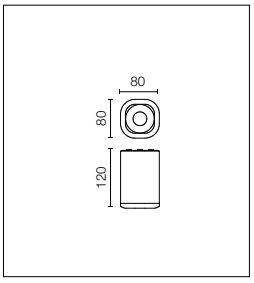
**3000K**
Non Dimmable
- ○ F023K33A001
- ● F023K33A006
- ● F023K33A012
- ● F023K33A018
- ● F023K33A030
- ● F023K33A033

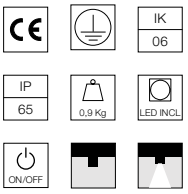
**4000K**
Non Dimmable
- ○ F023K43A001
- ● F023K43A006
- ● F023K43A012
- ● F023K43A018
- ● F023K43A030
- ● F023K43A033




@3000K

* Vorläufige technische Daten. / Preliminary technical specs.




Inklusive LED-Lichtquelle. Integrierte 220-240 V ON/ OFF-Stromversorgung. Ausgestattet mit doppelten Kabelverschraubungen für Eingangs- und Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for inlet and outlet connection.

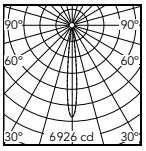
### Optic Spot

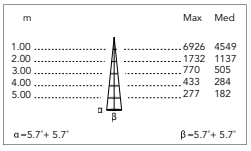
**Power LED:** 5,5W - 543 lm ≠ FIXT 319 lm - 2700K/CRI>80 - 220-240V / 5,5W - 570 lm ≠ FIXT 335 lm - 3000K/CRI>80 - 220-240V / 5,5W - 597 lm ≠ FIXT 367 lm - 4000/CRI>80 - 220-240V

**2700K**
Non Dimmable
- ○ F023L21A001
- ● F023L21A006
- ● F023L21A012
- ● F023L21A018
- ● F023L21A030
- ● F023L21A033

**3000K**
Non Dimmable
- ○ F023L31A001
- ● F023L31A006
- ● F023L31A012
- ● F023L31A018
- ● F023L31A030
- ● F023L31A033

**4000K**
Non Dimmable
- ○ F023L41A001
- ● F023L41A006
- ● F023L41A012
- ● F023L41A018
- ● F023L41A030
- ● F023L41A033




@3000K

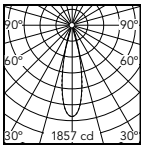
### Optic Medium

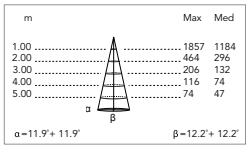
**Power LED:** 5,5W - 543 lm ≠ FIXT 350 lm - 2700K/CRI>80 - 220-240V / 5,5W - 570 lm ≠ FIXT 367 lm - 3000K/CRI>80 - 220-240V / 5,5W - 597 lm ≠ FIXT 402 lm - 4000/CRI>80 - 220-240V

**2700K**
Non Dimmable
- ○ F023L22A001
- ● F023L22A006
- ● F023L22A012
- ● F023L22A018
- ● F023L22A030
- ● F023L22A033

**3000K**
Non Dimmable
- ○ F023L32A001
- ● F023L32A006
- ● F023L32A012
- ● F023L32A018
- ● F023L32A030
- ● F023L32A033

**4000K**
Non Dimmable
- ○ F023L42A001
- ● F023L42A006
- ● F023L42A012
- ● F023L42A018
- ● F023L42A030
- ● F023L42A033




@3000K

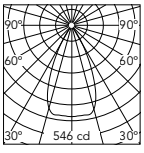
### Optic Flood

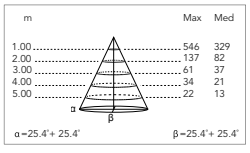
**Power LED:** 5,5W - 543 lm ≠ FIXT 364 lm - 2700K/CRI>80 - 220-240V / 5,5W - 570 lm ≠ FIXT 382 lm - 3000K/CRI>80 - 220-240V / 5,5W - 597 lm ≠ FIXT 400 lm - 4000/CRI>80 - 220-240V

**2700K**
Non Dimmable
- ○ F023L23A001
- ● F023L23A006
- ● F023L23A012
- ● F023L23A018
- ● F023L23A030
- ● F023L23A033

**3000K**
Non Dimmable
- ○ F023L33A001
- ● F023L33A006
- ● F023L33A012
- ● F023L33A018
- ● F023L33A030
- ● F023L33A033

**4000K**
Non Dimmable
- ○ F023L43A001
- ● F023L43A006
- ● F023L43A012
- ● F023L43A018
- ● F023L43A030
- ● F023L43A033

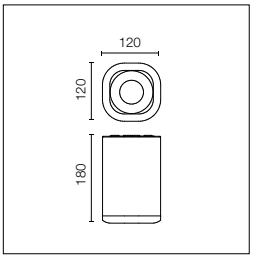


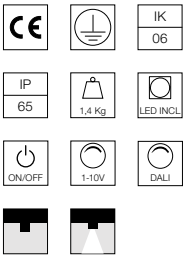




@3000K

* Vorläufige technische Daten. / Preliminary technical specs.

## Pointbreak Ceiling 2




Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI.
Ausgestattet mit doppelten Kabeldurchführungen für den Eingangs- und Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power.
Equipped with double cable gland for inlet and outlet connection.

### Optic Spot

**Power Led:** 16,5W - 1890 lm ≠ FIXT 1108 lm - 2700K/CRI>80 - 220-240V / 16,5W - 1960 lm ≠ FIXT 1149 lm - 3000K/CRI>80 - 220-240V / 16,5W - 2030 lm ≠ FIXT 1190 lm - 4000/CRI>80 - 220-240V

**2700K**
Non Dimmable
- ○ F023M21A001
- ● F023M21A006
- ● F023M21A012
- ● F023M21A018
- ● F023M21A030
- ● F023M21A033

1-10V
- ○ F023M21B001
- ● F023M21B006
- ● F023M21B012
- ● F023M21B018
- ● F023M21B030
- ● F023M21B033

Dali
- ○ F023M21D001
- ● F023M21D006
- ● F023M21D012
- ● F023M21D018
- ● F023M21D030
- ● F023M21D033

**3000K**
Non Dimmable
- ○ F023M31A001
- ● F023M31A006
- ● F023M31A012
- ● F023M31A018
- ● F023M31A030
- ● F023M31A033

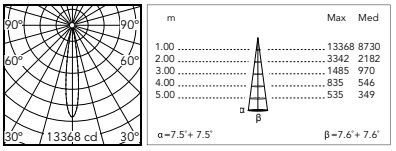
1-10V
- ○ F023M31B001
- ● F023M31B006
- ● F023M31B012
- ● F023M31B018
- ● F023M31B030
- ● F023M31B033

Dali
- ○ F023M31D001
- ● F023M31D006
- ● F023M31D012
- ● F023M31D018
- ● F023M31D030
- ● F023M31D033

**4000K**
Non Dimmable
- ○ F023M41A001
- ● F023M41A006
- ● F023M41A012
- ● F023M41A018
- ● F023M41A030
- ● F023M41A033

1-10V
- ○ F023M41B001
- ● F023M41B006
- ● F023M41B012
- ● F023M41B018
- ● F023M41B030
- ● F023M41B033

Dali
- ○ F023M41D001
- ● F023M41D006
- ● F023M41D012
- ● F023M41D018
- ● F023M41D030
- ● F023M41D033




@3000K

### Optic Medium

**Power Led:** 16,5W - 1890 lm ≠ FIXT 1215 lm - 2700K/CRI>80 - 220-240V / 16,5W - 1960 lm ≠ FIXT 1260 - 3000K/CRI>80 - 220-240V / 16,5W - 2030 lm ≠ FIXT 1305 lm - 4000/CRI>80 - 220-240V

**2700K**
Non Dimmable
- ○ F023M22A001
- ● F023M22A006
- ● F023M22A012
- ● F023M22A018
- ● F023M22A030
- ● F023M22A033

1-10V
- ○ F023M22B001
- ● F023M22B006
- ● F023M22B012
- ● F023M22B018
- ● F023M22B030
- ● F023M22B033

Dali
- ○ F023M22D001
- ● F023M22D006
- ● F023M22D012
- ● F023M22D018
- ● F023M22D030
- ● F023M22D033

**3000K**
Non Dimmable
- ○ F023M32A001
- ● F023M32A006
- ● F023M32A012
- ● F023M32A018
- ● F023M32A030
- ● F023M32A033

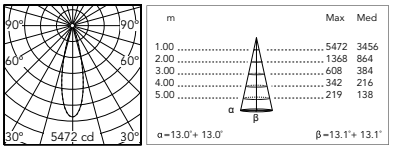
1-10V
- ○ F023M32B001
- ● F023M32B006
- ● F023M32B012
- ● F023M32B018
- ● F023M32B030
- ● F023M32B033

Dali
- ○ F023M32D001
- ● F023M32D006
- ● F023M32D012
- ● F023M32D018
- ● F023M32D030
- ● F023M32D033

**4000K**
Non Dimmable
- ○ F023M42A001
- ● F023M42A006
- ● F023M42A012
- ● F023M42A018
- ● F023M42A030
- ● F023M42A033

1-10V
- ○ F023M42B001
- ● F023M42B006
- ● F023M42B012
- ● F023M42B018
- ● F023M42B030
- ● F023M42B033

Dali
- ○ F023M42D001
- ● F023M42D006
- ● F023M42D012
- ● F023M42D018
- ● F023M42D030
- ● F023M42D033




@3000K

* Vorläufige technische Daten. / Preliminary technical specs.

**Optic Flood**

**Power Led:** 16,5W - 1890 lm ≠ FIXT 1342 lm - 2700K/CRI>80 - 220-240V / 16,5W - 1960 lm ≠ FIXT 1392 lm - 3000K/CRI>80 - 220-240V / 16,5W - 2030 lm ≠ FIXT 1442 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable

- F023M23A001
- F023M23A006
- F023M23A012
- F023M23A018
- F023M23A030
- F023M23A033

1-10V

- F023M23B001
- F023M23B006
- F023M23B012
- F023M23B018
- F023M23B030
- F023M23B033

Dali

- F023M23D001
- F023M23D006
- F023M23D012
- F023M23D018
- F023M23D030
- F023M23D033

**3000K**

Non Dimmable

- F023M33A001
- F023M33A006
- F023M33A012
- F023M33A018
- F023M33A030
- F023M33A033

1-10V

- F023M33B001
- F023M33B006
- F023M33B012
- F023M33B018
- F023M33B030
- F023M33B033

Dali

- F023M33D001
- F023M33D006
- F023M33D012
- F023M33D018
- F023M33D030
- F023M33D033

**4000K**

Non Dimmable

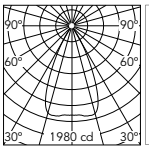
- F023M43A001
- F023M43A006
- F023M43A012
- F023M43A018
- F023M43A030
- F023M43A033

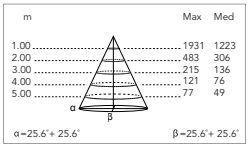
1-10V

- F023M43B001
- F023M43B006
- F023M43B012
- F023M43B018
- F023M43B030
- F023M43B033

Dali

- F023M43D001
- F023M43D006
- F023M43D012
- F023M43D018
- F023M43D030
- F023M43D033




@3000K

* Vorläufige technische Daten. / Preliminary technical specs.

# In Vitro

Designed by Philippe Starck

In Vitro Unplugged

In Vitro Bollard

In Vitro Suspension

## Familie / Family

In Vitro Unplugged

**Led Edge Lighting**
2,5W
115 lm - 2700K/CRI 80
124 lm - 3000K/CRI 80

In Vitro Bollard

**Led Edge Lighting**
11W
667 lm - 2700K/CRI 80
714 lm - 3000K/CRI 80

In Vitro Wall

**Led Edge Lighting**
11W
667 lm - 2700K/CRI 80
714 lm - 3000K/CRI 80

In Vitro Ceiling

**Led Edge Lighting**
13W
799 lm - 2700K/CRI 80
855 lm - 3000K/CRI 80

In Vitro Suspension

**Led Edge Lighting**
13W
799 lm - 2700K/CRI 80
855 lm - 3000K/CRI 80

## Ausführungen / Colours

01 White

12 Forest Green

13 Pale Green

18 Deep Brown

25 Terracotta

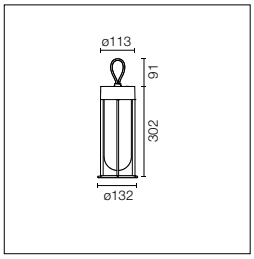
30 Black

33 Anthracite

Leuchten für Boden-, Wand-, Decken-, Pendel- und tragbare Installation, mit diffusem Licht für den Außenbereich.
Im Kopf integrierter opalisierender Diffusor und außen transparentes Borosilikat-Sicherheitsglas.
Die Strukturteile der Leuchte bestehen aus druckgegossenem und stranggepresstem Aluminium, das mit einem chemischen Umwandlungsprozess behandelt wurde, um eine effektive Beständigkeit gegen Witterungseinflüsse zu gewährleisten. Der Körper ist pulverbeschichtet und in verschiedenen Ausführungen erhältlich.
Integrierte LED-Lichtquelle mit Edge-Lighting-Optik zur Gewährleistung einer perfekten Lichtgleichmäßigkeit. Im Leuchtenkörper integrierter Treiber für EIN/AUS und dimmbare Ansteuerung verfügbar.
Die Bollard-Version wird mit einem wasserdichten Stecker für den Netzanschluss geliefert. Die Leuchte kann mit Hilfe von Dübeln, die vom Installateur je nach Art der Oberfläche zu wählen sind, auf jedem Boden installiert werden. Als separat zu bestellendes Zubehör ist die Schalung für die Installation auf einem Betonboden erhältlich.
Die Unplugged-Version ist mit einem praktischen farbigen Silikongriff ausgestattet und lässt sich über ein 120 cm langes Micro-USB-C-Kabel einfach aufladen. Der dimmbare Treiber ist im Leuchtenkörper untergebracht und verfügt über das integrierte Touch-Dimm-System, das über einen optischen Sensor am Kopf erreicht wird. Mit einer einfachen Berührung ist es möglich, die Lichtstärke der Lampe in 4 Dimmstufen einzustellen, wodurch eine kontinuierliche Emission von bis zu 6 Stunden gewährleistet wird.

Luminaires for floor, wall and suspended installation, and portable luminaire, with diffused light for outdoor use.
Opalescent diffuser integrated in the head and external transparent borosilicate safety glass.
The structural parts of the luminaire are made of extruded die-cast aluminum, treated with a chemical conversion procedure to ensure effective resistance to atmospheric conditions. The body is powder coated and comes in various finishes.
Integrated LED light source with Edge Lighting optical technology to ensure perfect light uniformity. Driver integrated in the luminaire body available for ON/OFF and dimmable control.
Bollard version comes with a watertight plug for power supply connection. The luminaire may be installed on any type of flooring using anchors, to be selected by the installer depending on the type of surface. Accessory box for installation on flooring to be concreted sold separately.
Unplugged version is equipped with a practical, colored silicone handle and is easily recharged with a 120cm long Micro USB-C cable. Dimmable driver in the body of the luminaire with an integrated touch-dim system, accessible through an optical switch sensor located on the head. With a simple touch, light intensity can be adjusted through a 4-step dimming function, ensuring a continuous emission for up to 6 hours.

## In Vitro Unplugged




IP 65 | IK 08 | 1 Kg | LED INCL

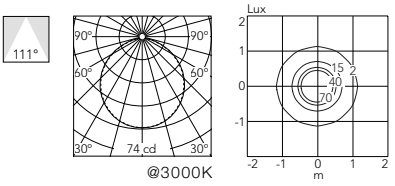
Tragbare Version, ausgestattet mit Tragegriff. Dimmbarer Treiber 5/100÷240 V/50-60 Hz integriert im Leuchtenkörper mit optischem Berührungssensor am Kopf und dimmbar auf 4 Stufen: 100 %-50 %-3 %-OFF. Wiederaufladbar über ein 120 cm langes Micro-USB-C-Kabel, das eine Daueremission von bis zu 6 Stunden garantiert. Ladegerät mit austauschbaren Steckern EUR, UK, USA.

Portable version equipped with a carrying handle. Adjustable driver 5/100÷240V/50-60Hz integrated in the body of the luminaire with optical switch sensor on the head and with a 4-step dimming function: 100%-50%-3%-OFF. Rechargeable with a 120cm long Micro USB-C cable ensuring continuous emission for up to 6 hours. Charger with interchangeable EUR, UK and USA plugs.

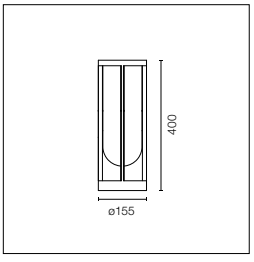
**Led Edge Lighting:** 2,5W - 182 lm ≠ FIXT 115 lm - 2700K/CRI 90 - 100-240V/V5 / 2,5W - 195 lm ≠ FIXT 124 lm - 3000K/CRI 90 - 100-240V/V5

**2700K**
Touch Dimm
- F018E21K001
- F018E21K012
- F018E21K013
- F018E21K018
- F018E21K025
- F018E21K030
- F018E21K033

**3000K**
Touch Dimm
- F018E31K001
- F018E31K012
- F018E31K013
- F018E31K018
- F018E31K025
- F018E31K030
- F018E31K033




## In Vitro Bollard 1




IP 66 | IK 10 | 2,2 Kg | LED INCL

Integriertes 220-240V -Netzteil zum Ein-/Ausschalten und Dimmen. Das Produkt wird mit einem dichten Stecker für den Anschluss an das Stromnetz geliefert. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

Integrated 220–240V ON/OFF or dimmable electrical power. The unit comes with a watertight plug for connection to the electrical network. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately.

**Led Edge Lighting:** 11W - 1150 lm ≠ FIXT 667 lm - 2700K/CRI 80 - 220-240V / 11W - 1230 lm ≠ FIXT 714 lm - 3000K/CRI 80 - 220-240V

**2700K**
Non Dimmable
- F018A21A001
- F018A21A012
- F018A21A013
- F018A21A018
- F018A21A025
- F018A21A030
- F018A21A033

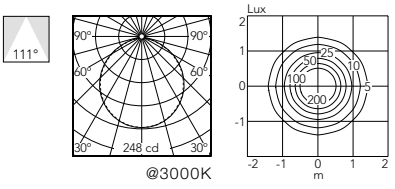
1-10V
- F018A21B001
- F018A21B012
- F018A21B013
- F018A21B018
- F018A21B025
- F018A21B030
- F018A21B033

Dali
- F018A21D001
- F018A21D012
- F018A21D013
- F018A21D018
- F018A21D025
- F018A21D030
- F018A21D033

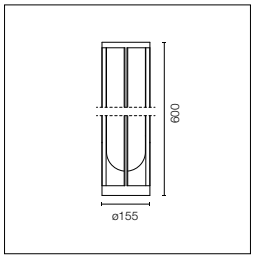
**3000K**
Non Dimmable
- F018A31A001
- F018A31A012
- F018A31A013
- F018A31A018
- F018A31A025
- F018A31A030
- F018A31A033

1-10V
- F018A31B001
- F018A31B012
- F018A31B013
- F018A31B018
- F018A31B025
- F018A31B030
- F018A31B033

Dali
- F018A31D001
- F018A31D012
- F018A31D013
- F018A31D018
- F018A31D025
- F018A31D030
- F018A31D033



## In Vitro Bollard 2




IP 66 | IK 10 | 3,1 Kg | LED INCL

Integriertes 220-240V -Netzteil zum Ein-/Ausschalten und Dimmen. Das Produkt wird mit einem dichten Stecker für den Anschluss an das Stromnetz geliefert. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

Integrated 220–240V ON/OFF or dimmable electrical power. The unit comes with a watertight plug for connection to the electrical network. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately.

**Led Edge Lighting:** 11W - 1150 lm ≠ FIXT 667 lm - 2700K/CRI 80 - 220-240V / 11W - 1230 lm ≠ FIXT 714 lm - 3000K/CRI 80 - 220-240V

**2700K**
Non Dimmable
- F018A22A001
- F018A22A012
- F018A22A013
- F018A22A018
- F018A22A025
- F018A22A030
- F018A22A033

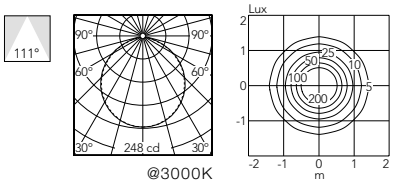
1-10V
- F018A22B001
- F018A22B012
- F018A22B013
- F018A22B018
- F018A22B025
- F018A22B030
- F018A22B033

Dali
- F018A22D001
- F018A22D012
- F018A22D013
- F018A22D018
- F018A22D025
- F018A22D030
- F018A22D033

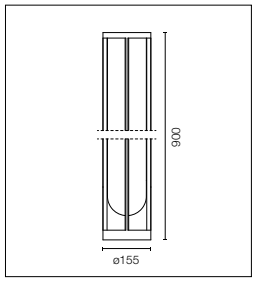
**3000K**
Non Dimmable
- F018A32A001
- F018A32A012
- F018A32A013
- F018A32A018
- F018A32A025
- F018A32A030
- F018A32A033

1-10V
- F018A32B001
- F018A32B012
- F018A32B013
- F018A32B018
- F018A32B025
- F018A32B030
- F018A32B033

Dali
- F018A32D001
- F018A32D012
- F018A32D013
- F018A32D018
- F018A32D025
- F018A32D030
- F018A32D033




## In Vitro Bollard 3




IP 66 | IK 10 | 4,4 Kg | LED INCL

Integriertes 220-240V -Netzteil zum Ein-/Ausschalten und Dimmen. Das Produkt wird mit einem dichten Stecker für den Anschluss an das Stromnetz geliefert. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

Integrated 220–240V ON/OFF or dimmable electrical power. The unit comes with a watertight plug for connection to the electrical network. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately.

**Led Edge Lighting:** 11W - 1150 lm ≠ FIXT 667 lm - 2700K/CRI 80 - 220-240V / 11W - 1230 lm ≠ FIXT 714 lm - 3000K/CRI 80 - 220-240V

**2700K**
Non Dimmable
- F018A23A001
- F018A23A012
- F018A23A013
- F018A23A018
- F018A23A025
- F018A23A030
- F018A23A033

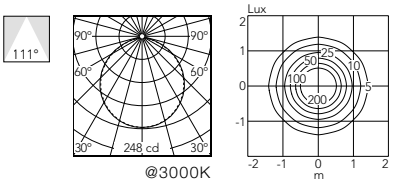
1-10V
- F018A23B001
- F018A23B012
- F018A23B013
- F018A23B018
- F018A23B025
- F018A23B030
- F018A23B033

Dali
- F018A23D001
- F018A23D012
- F018A23D013
- F018A23D018
- F018A23D025
- F018A23D030
- F018A23D033

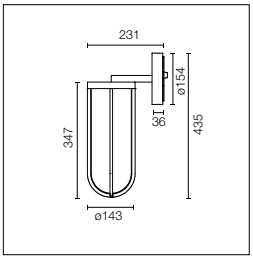
**3000K**
Non Dimmable
- F018A33A001
- F018A33A012
- F018A33A013
- F018A33A018
- F018A33A025
- F018A33A030
- F018A33A033

1-10V
- F018A33B001
- F018A33B012
- F018A33B013
- F018A33B018
- F018A33B025
- F018A33B030
- F018A33B033

Dali
- F018A33D001
- F018A33D012
- F018A33D013
- F018A33D018
- F018A33D025
- F018A33D030
- F018A33D033



## In Vitro Wall




IP 66 · IK 10 · 2,2 Kg · LED INCL

Wandbefestigung. Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V -Netzteil zum Ein-/ Ausschalten und Dimmen.

Wall mount. Light source included. Integrated 220–240V ON/OFF or dimmable electrical power.

**Led Edge Lighting:** 11W - 1150 lm ≠ FIXT 667 lm - 2700K/CRI 80 - 220-240V / 11W - 1230 lm ≠ FIXT 714 lm - 3000K/CRI 80 - 220-240V

**2700K**
Non Dimmable
- ○ F018B22A001
- ● F018B22A012
- ● F018B22A013
- ● F018B22A018
- ● F018B22A025
- ● F018B22A030
- ● F018B22A033

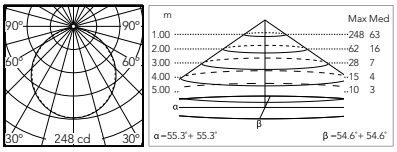
1-10V
- ○ F018B22B001
- ● F018B22B012
- ● F018B22B013
- ● F018B22B018
- ● F018B22B025
- ● F018B22B030
- ● F018B22B033

Dali
- ○ F018B22D001
- ● F018B22D012
- ● F018B22D013
- ● F018B22D018
- ● F018B22D025
- ● F018B22D030
- ● F018B22D033

**3000K**
Non Dimmable
- ○ F018B32A001
- ● F018B32A012
- ● F018B32A013
- ● F018B32A018
- ● F018B32A025
- ● F018B32A030
- ● F018B32A033

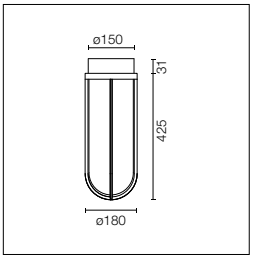
1-10V
- ○ F018B32B001
- ● F018B32B012
- ● F018B32B013
- ● F018B32B018
- ● F018B32B025
- ● F018B32B030
- ● F018B32B033

Dali
- ○ F018B32D001
- ● F018B32D012
- ● F018B32D013
- ● F018B32D018
- ● F018B32D025
- ● F018B32D030
- ● F018B32D033




@3000K

## In Vitro Ceiling




IP 66 · IK 10 · 2,8 Kg · LED INCL

Lichtquelle im Lieferumfang enthalten. Deckenbefestigung. 220-240V -Netzteil zum Ein-/Ausschalten und Dimmen im Lieferumfang enthalten.

Light source included. Ceiling mount. Integrated 220–240V ON/OFF or dimmable electrical power.

**Led Edge Lighting:** 13W - 1378 lm ≠ FIXT 799 lm - 2700K/CRI 80 - 220-240V / 13W - 1474 lm ≠ FIXT 855 lm - 3000K/CRI 80 - 220-240V

**2700K**
Non Dimmable
- ○ F018C25A001
- ● F018C25A012
- ● F018C25A013
- ● F018C25A018
- ● F018C25A025
- ● F018C25A030
- ● F018C25A033

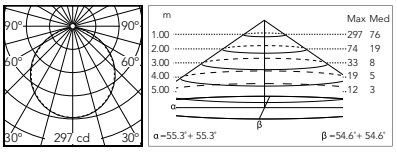
1-10V
- ○ F018C25B001
- ● F018C25B012
- ● F018C25B013
- ● F018C25B018
- ● F018C25B025
- ● F018C25B030
- ● F018C25B033

Dali
- ○ F018C25D001
- ● F018C25D012
- ● F018C25D013
- ● F018C25D018
- ● F018C25D025
- ● F018C25D030
- ● F018C25D033

**3000K**
Non Dimmable
- ○ F018C35A001
- ● F018C35A012
- ● F018C35A013
- ● F018C35A018
- ● F018C35A025
- ● F018C35A030
- ● F018C35A033

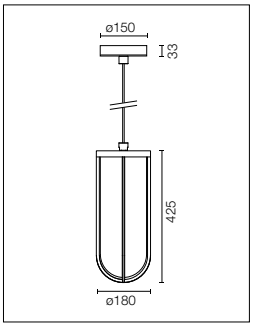
1-10V
- ○ F018C35B001
- ● F018C35B012
- ● F018C35B013
- ● F018C35B018
- ● F018C35B025
- ● F018C35B030
- ● F018C35B033

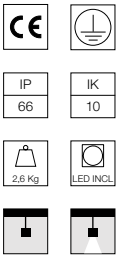
Dali
- ○ F018C35D001
- ● F018C35D012
- ● F018C35D013
- ● F018C35D018
- ● F018C35D025
- ● F018C35D030
- ● F018C35D033




@3000K

## In Vitro Suspension

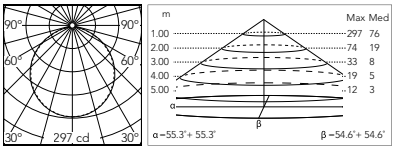



Montage als Hängelampe. Lichtquelle im Lieferumfang enthalten. 220-240V -Netzteil zum Ein-/Ausschalten und Dimmen in spezieller Deckenbasis integriert. Maximale Länge des Hängekabellänge: 1000 mm.

Hanging version. Light source included. 220–240V ON/OFF or dimmable electrical power integrated within the dedicated ceiling attachment. Hanging cable length 1000 mm.

**Led Edge Lighting:** 13W - 1378 lm ≠ FIXT 799 lm - 2700K/CRI 80 - 220-240V / 13W - 1474 lm ≠ FIXT 855 lm - 3000K/CRI 80 - 220-240V




@3000K

**2700K**
Non Dimmable
- ○ F018D25A001
- ● F018D25A012
- ● F018D25A013
- ● F018D25A018
- ● F018D25A025
- ● F018D25A030
- ● F018D25A033

1-10V
- ○ F018D25B001
- ● F018D25B012
- ● F018D25B013
- ● F018D25B018
- ● F018D25B025
- ● F018D25B030
- ● F018D25B033

Dali
- ○ F018D25D001
- ● F018D25D012
- ● F018D25D013
- ● F018D25D018
- ● F018D25D025
- ● F018D25D030
- ● F018D25D033

**3000K**
Non Dimmable
- ○ F018D35A001
- ● F018D35A012
- ● F018D35A013
- ● F018D35A018
- ● F018D35A025
- ● F018D35A030
- ● F018D35A033

1-10V
- ○ F018D35B001
- ● F018D35B012
- ● F018D35B013
- ● F018D35B018
- ● F018D35B025
- ● F018D35B030
- ● F018D35B033

Dali
- ○ F018D35D001
- ● F018D35D012
- ● F018D35D013
- ● F018D35D018
- ● F018D35D025
- ● F018D35D030
- ● F018D35D033

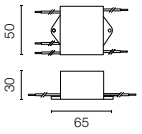
## Zubehör / Accessories

### In Vitro Bollard

Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66.

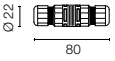
F990E00A000




Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig.

2 way terminal block 4 poles IP68 H2O Stop.

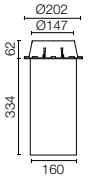
F990C00A000




Einbaugehäuse für Bodenmontage.

Box for ground installation.

F018Z000000



# Mile

Designed by Antonio Citterio

Mile Wall

Mile Ceiling 1

Mile Bollard 1

## Familie / Family

Mile Bollard 1 600

Mono / Double

Mile Bollard 2 600

Mono / Double

Mile Bollard 1 900

Mono / Double

Mile Bollard 2 900

Mono / Double

**Mid - Power Led**
4,9W
283 lm - 2700K/CRI 80
294 lm - 3000K/CRI 80
305 lm - 4000K/CRI 80

**Mid - Power Led**
9,8W
2x283 lm - 2700K/CRI 80
2x294 lm - 3000K/CRI 80
2x305 lm - 4000K/CRI 80

**Mid - Power Led**
7,8W
603 lm - 2700K/CRI 80
627 lm - 3000K/CRI 80
651 lm - 4000K/CRI 80

**Mid - Power Led**
15,6W
2x603 lm - 2700K/CRI 80
2x627 lm - 3000K/CRI 80
2x651 lm - 4000K/CRI 80

## Ausführungen / Colours

*00 Primer

01 White

06 Grey

**12 Forest Green

18 Deep Brown

30 Black

33 Anthracite

* Nur für Wand-, Weg- und Deckenversionen. / Only for Wall, Path and Ceiling versions.
** Nur für Wand-, Poller- und Wegeversionen / Only for Wall, Bollard and Path versions.

Mile Path 1

**Mid - Power Led**
3,7W
up to 100 lm - 2700K/CRI 80
up to 104 lm - 3000K/CRI 80
up to 108 lm - 4000K/CRI 80

Mile Path 2

**Mid - Power Led**
7,6W
up to 100 lm - 2700K/CRI 80
up to 179 lm - 3000K/CRI 80
up to 172 lm - 4000K/CRI 80

Mile Wall 1

Up / Down / Up&Down

**Mid - Power Led**
4,9W
283 lm - 2700K/CRI 80
294 lm - 3000K/CRI 80
305 lm - 4000K/CRI 80

**Mid - Power Led**
8,1W
2x283 lm - 2700K/CRI 80
2x294 lm - 3000K/CRI 80
2x305 lm - 4000K/CRI 80

Washer
Up / Down / Up&Down

**Mid - Power Led**
4,9W
291 lm - 2700K/CRI 80
303 lm - 3000K/CRI 80
314 lm - 4000K/CRI 80

**Mid - Power Led**
8,1W
2x291 lm - 2700K/CRI 80
2x303 lm - 3000K/CRI 80
2x314 lm - 4000K/CRI 80

Mile Wall 2

Up / Down / Up&Down

**Mid - Power Led**
7,8W
603 lm - 2700K/CRI 80
627 lm - 3000K/CRI 80
651 lm - 4000K/CRI 80

**Mid - Power Led**
13,5W
2x603 lm - 2700K/CRI 80
2x627 lm - 3000K/CRI 80
2x651 lm - 4000K/CRI 80

Washer
Up / Down / Up&Down

**Mid - Power Led**
6,4W
453 lm - 2700K/CRI 80
471 lm - 3000K/CRI 80
489 lm - 4000K/CRI 80

**Mid - Power Led**
10,5W
2x453 lm - 2700K/CRI 80
2x471 lm - 3000K/CRI 80
2x489 lm - 4000K/CRI 80

Mile Ceiling 1

Mile Ceiling 2

Mile Recessed 1

**Power Led**
11W
736 lm - 2700K/CRI 80
759 lm - 3000K/CRI 80
791 lm - 4000K/CRI 80

Mile Recessed 2

**Power Led**
15W
1032 lm - 2700K/CRI 80
1344 lm - 3000K/CRI 80
1400 lm - 4000K/CRI 80

**Mile Bollard**
Kollektion von Außenpollern mit einem strengen und minimalistischen Design mit LED-Lichtquelle, passend zu den Wandversionen.
Poller in unidirektionaler oder bidirektionaler Ausführung, erhältlich in zwei Höhen und zwei Breiten, abhängig von der Lichtquelle und der gewünschten Leistung, gekennzeichnet durch einen robusten Rahmen aus stranggepresstem Aluminium ohne sichtbare Schrauben, mit erhöhtem Sockel auf dem Boden für eine einfachere und schnellere Installation. Die Kopfbefestigungsschrauben sind aus rostfreiem Stahl AISI 316L gefertigt.
Erhältlich in verschiedenen Ausführungen mit zweischichtiger Pulverbeschichtung und chemischer Umwandlungsbehandlung zum Schutz vor Korrosion.
Der Diffusor ist aus UV-stabilisiertem, transparentem Polycarbonat gefertigt.
Der asymmetrische Reflektorschirm besteht aus reinem Aluminium, oxidiert und poliert, und enthält die LED-Quelle in einer rückwärtigen Position, um Direktblendung zu reduzieren; der asymmetrische, nach unten gerichtete Lichtaustritt macht die Leuchte konform mit den aktuellen Gesetzen zur Lichtverschmutzung.
Die Bollard-Versionen können auf jedem Boden mit Dübeln oder unter Verwendung der als Zubehör mitgelieferten Ankerplatte einfach auf dem Boden installiert werden, so dass die Basis des Produkts vollständig in den Boden integriert ist.

**Mile Path**
Kollektion von Außenwandleuchten mit strengem, minimalistischem Design und LED-Lichtquelle, die mit den Wall- und Bollard-Versionen kombiniert werden können.
Erhältlich in zwei Größen und in verschiedenen Ausführungen mit einer zweischichtigen Pulverbeschichtung.
Die Primer-Version muss nach der Installation mit den typischen Farben auf Wasserbasis (Tempera, Stuck, Wasserfarben) gestrichen werden, um eine maximale Integration in die Architektur zu gewährleisten.
Die Befestigungsschrauben sind aus rostfreiem Stahl AISI 316L.
Der Diffusor ist aus UV-stabilisiertem, transparentem Polycarbonat gefertigt.
Der asymmetrische Reflektorschirm besteht aus schwarz lackiertem Aluminium, um Direktblendung durch Reflexionen zu reduzieren, und enthält die LED-Quelle in einer rückwärtigen Position; der asymmetrische Lichtaustritt nach unten macht die Leuchte konform mit den aktuellen Gesetzen zur Lichtverschmutzung.
Inklusive Wandhalterung.

**Mile Wall**
Komplette Familie von Wandleuchten mit strengem und minimalistischem Design und LED-Lichtquelle. Das Design zeichnet sich durch einen Aluminiumdruckgussrahmen mit sehr geringem Kupferanteil und guten mechanischen Eigenschaften in Kombination mit guter Korrosionsbeständigkeit dank der chemischen Umwandlungsbehandlung der Oberfläche aus.
Erhältlich in zwei Größen und in verschiedenen Ausführungen mit einer zweischichtigen Pulverbeschichtung.
Die Primer-Version muss nach der Installation mit den typischen Farben auf Wasserbasis (Tempera, Stuck, Wasserfarben) gestrichen werden, um eine maximale Integration in die Architektur zu gewährleisten.
Die Befestigungsschrauben sind aus rostfreiem Stahl AISI 316L gefertigt. Der Diffusor, der perfekt koplanar mit dem Zierband ist, besteht aus transparentem Polycarbonat, UV-stabilisiert.
Der asymmetrische Reflektorschirm besteht aus reinem Aluminium, oxidiert und poliert, und enthält die LED-Quelle in einer rückwärtigen Position, um Direktblendung zu reduzieren.
Die asymmetrische Optik ist so konzipiert, dass sie ein breites Spektrum an Lichtleistung und einen flexiblen Einsatz in unterschiedlichen architektonischen Kontexten gewährleistet. Es sind einfach abstrahlende Versionen mit nach oben oder nach unten gerichtetem Licht und doppelt abstrahlende Versionen erhältlich. Jede Version ist in zwei verschiedenen Beleuchtungslösungen erhältlich: als Wall-Washer oder als asymmetrische Beleuchtung, z. B. im Fall von Veranden oder Foyers, wobei die Version mit nach oben gerichtetem Licht die Decke selbst zum Diffusor macht und absoluten Komfort bietet. Die Doppelemissionsversion ist sowohl mit identischer Optik als auch mit gemischter asymmetrischer Optik + Washer erhältlich.

**Mile Ceiling**
Kollektion von Deckenleuchten für den Außenbereich mit einem strengen und minimalistischen Design mit LED-Lichtquelle, die mit den Wall-, Bollard- und Path-Versionen kombiniert werden können.
Erhältlich in zwei verschiedenen Größen und in verschiedenen Ausführungen mit einer zweischichtigen Pulverbeschichtung.
Die Primer-Version muss nach der Installation mit typischen Farben auf Wasserbasis (Tempera, Stuck, Wasserfarben) gestrichen werden, um eine maximale Integration in die Architektur zu gewährleisten.
Die optische Einheit wurde speziell entwickelt, um maximalen Sehkomfort und eine Reduzierung der Direktblendung zu gewährleisten, ohne dabei die Effizienz zu beeinträchtigen: Die Lichtquelle besteht aus rückseitigen Power-LEDs, die transparenten Polycarbonat-Linsen sorgen für einen kontrollierten und homogenen Lichtstrahl, und die konischen Reflektoren aus glänzend schwarzem Polycarbonat bieten eine Abschirmung mit extremen Abblendwinkeln, und das alles bei reduzierter Größe.
Die optische Einheit ist in vier verschiedenen Ausstrahlungswinkeln erhältlich, was einen breiten Einsatzbereich und Flexibilität in den unterschiedlichsten architektonischen Kontexten ermöglicht: Sowohl bei intensiven Strahlen als auch bei diffusen Lichteffekten ist die optische Kontrolle immer hervorragend und Störlicht ist völlig ausgeschlossen.
Die Befestigungsschrauben sind aus rostfreiem Stahl AISI 316L gefertigt. Inklusive Deckenhalterung.

**Mile Recessed**
Kollektion von Einbaudeckenleuchten für den Außenbereich mit strengem, minimalistischem Design und LED-Lichtquelle, die mit den Ceiling-, Wall-, Bollard- und Path-Versionen kombiniert werden können.
Erhältlich in zvei verschiedenen Größen und in verschiedenen Ausführungen mit einer zweischichtigen Pulverbeschichtung.
Die Primer-Version muss nach der Installation mit den typischen Farben auf Wasserbasis (Tempera, Stuck, Wasserfarben) gestrichen werden, um eine maximale Integration in die Architektur zu gewährleisten.
Wie bei den Deckenversionen wurde die optische Einheit speziell entwickelt, um maximalen Sehkomfort und die Reduzierung der Direktblendung zu gewährleisten, ohne dabei die Effizienz zu beeinträchtigen: Die Lichtquelle besteht aus rückwärtigen Power-LEDs, die transparenten Polycarbonat-Linsen sorgen für einen kontrollierten und homogenen Lichtstrahl, und die konischen Reflektoren aus glänzend schwarzem Polycarbonat bieten eine Abschirmung mit extremen Abblendwinkeln, und das alles bei reduzierter Größe.
Die optische Einheit ist in vier verschiedenen Ausstrahlungswinkeln erhältlich, was einen breiten Einsatzbereich und Flexibilität in den unterschiedlichsten architektonischen Kontexten ermöglicht: Sowohl bei intensiven Strahlen als auch bei diffusen Lichteffekten ist die optische Kontrolle immer hervorragend und Störlicht ist völlig ausgeschlossen.
Die Leuchte kann in Zwischendecken mit Federn eingebaut werden. Der Anschlagrahmen mit minimaler Dicke ermöglicht einen perfekten ästhetischen Abschluss der Leuchte in der Decke.
Die verzinkte Stahlschalung zum Betonieren ist als Zubehör für Ziegel- oder Stahlbetondecken erhältlich.

**Mile Bollard**
Collection of outdoor bollards with a rigorous, minimal design and LED light source that can be combined with wall versions.
Uni- or bi-directional bollard version, available in two heights and widths, based on light source and power requirements.
The rigid frame is made of extruded aluminum with no visible screws, and the base rises above the ground for a quick, simple installation. The head anchoring hardware is made of AISI 316L stainless steel.
Available in various finishes with a double layer of powder coating and chemical conversion treatment to protect it against corrosion.
The diffuser is made of transparent, UV-stabilized polycarbonate.
The asymmetric reflecting screen is made of pure, oxidized and polished aluminum, with LED source in a rear position to reduce direct glare. The downward, asymmetric light emission ensures the luminaire's compliance with existing light pollution laws.
Bollard versions may be easily installed on any flooring on the ground with anchors, or with the dedicated anchoring plate accessory to completely integrate the base of the product with the pavement.

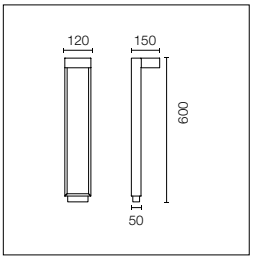
**Mile Path**
Collection of outdoor wall luminaires with a rigorous, minimal design and LED light source that can be combined with wall and bollard versions.
Available in two sizes and various finishes with a double layer of powder coating.
Primer version to be painted after installation with regular water-based colors (tempera, stucco, water-based paints) to ensure flawless integration with the building.
The anchoring hardware is made of AISI 316L stainless steel.
Diffuser is made of transparent, UV-stabilized polycarbonate.
The asymmetric, reflecting screen is made of aluminum painted in black to reduce direct glare from reflections. It holds the LED source in a rear position. The downward, asymmetric light emission ensures the luminaire's compliance with existing light pollution laws. Wall mounting bracket included.

**Mile Wall**
Complete family of wall luminaires with a rigorous, minimal design with LED light source, a design characterized by a die-cast aluminum trim with very low copper content and good mechanical features combined with good resistance against corrosion thanks to the surface chemical conversion treatment.
Available in two sizes and various finishes with a double layer of powder coating.
Primer version to be painted after installation with regular water-based colors (tempera, stucco, water-based paints) to ensure flawless integration with the building.
The anchoring hardware is made of AISI 316L stainless steel.
The diffuser is perfectly flush with the decorative band and is made of transparent, UV-stabilized polycarbonate.
The asymmetric, reflecting screen is made of pure, oxidized and polished aluminum, with LED source in a rear position to reduce direct glare.
Its asymmetrical optical unit is designed to ensure a wide range of lighting features and flexible use in different architectural settings. Single-emission version directing light upwards or downwards and dual-emission version available. Each version is available in two different lighting solutions: wall-washer lighting or asymmetric lighting. For instance, by using the version with light directed upwards in porticos or entrance halls, the ceiling itself becomes a diffuser, offering absolute comfort. Dual emission version is available with both identical optical units and mixed, asymmetric + washer optical units.

**Mile Ceiling**
Outdoor ceiling-mounted lights collection, with a rigorous, minimal design and LED light source that can be combined with wall, bollard and path versions.
Available in two different sizes and various finishes with a double layer of powder coating.
Primer version to be painted after installation with regular water-based colors (tempera, stucco, water-based paints) to ensure flawless integration with the building.
The optical unit is specifically designed to ensure maximum visual comfort and direct glare reduction without compromising overall efficiency: the light source comprises rear power LEDs; its transparent polycarbonate lenses ensure a controlled and homogeneous beam of light; and the glossy black polycarbonate cone reflectors provide an extreme, sharp-angled screening, all in a small footprint.
The optical unit is available in four different beam angles, allowing a wide range of uses and flexibility in the most varied architectural settings: both in the case of intense beams and diffuse light effects, optical control is always exceptional and spurious light is totally absent.
The anchoring hardware is made of AISI 316L stainless steel.
Ceiling mounting bracket included.

**Mile Recessed**
Collection of outdoor, ceiling-mounted, recessed lights with a rigorous, minimal design and LED light source that can be combined with ceiling, wall, bollard and path versions.
Available in two different sizes and various finishes with a double layer of powder coating.
Primer version to be painted after installation with regular water-based colors (tempera, stucco, water-based paints) to ensure flawless integration with the building.
As in ceiling versions, the optical unit is specifically designed to ensure maximum visual comfort and direct glare reduction without compromising overall efficiency: the light source comprises rear power LEDs; its transparent polycarbonate lenses ensure a controlled and homogeneous beam of light; and the glossy black polycarbonate cone reflectors provide an extreme, sharp-angled screening, all in a small footprint.
The optical unit is available in four different beam angles, allowing a wide range of uses and flexibility in the most varied architectural settings: both in the case of intense beams and diffuse light effects, optical control is always exceptional and spurious light is totally absent.
The luminaire can be installed in a drop ceiling using the supplied springs. The minimal thickness of the stop frame allows a perfect, aesthetic finish of the luminaire in the ceiling.
The accessory box for installation in galvanized steel for concreting is available for brick or reinforced concrete ceilings.

## Mile Bollard 1 600 Mono




IP 65 · IK 07 · 2 Kg · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-$H_2O$-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

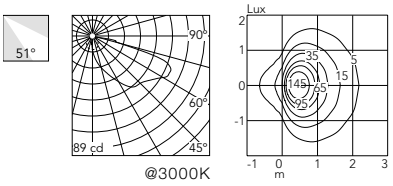
LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation $H_2O$ stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

**Mid - Power Led:** 4,9W - 427 lm ≠ FIXT 283 lm - 2700K/CRI 80 - 220-240V / 4,9W - 445 lm ≠ FIXT 294 lm - 3000K/CRI 80 - 220-240V / 4,9W - 462 lm ≠ FIXT 305 lm - 4000K/CRI 80 - 220-240V

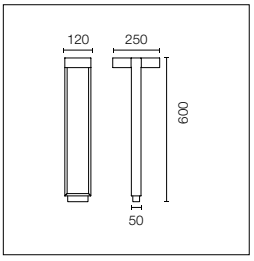
**2700K**
- ○ F015G21A001
- ● F015G21A006
- ● F015G21A012
- ● F015G21A018
- ● F015G21A030
- ● F015G21A033

**3000K**
- ○ F015G31A001
- ● F015G31A006
- ● F015G31A012
- ● F015G31A018
- ● F015G31A030
- ● F015G31A033

**4000K**
- ○ F015G41A001
- ● F015G41A006
- ● F015G41A012
- ● F015G41A018
- ● F015G41A030
- ● F015G41A033




## Mile Bollard 1 600 Double




IP 65 · IK 07 · 2,5 Kg · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-$H_2O$-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

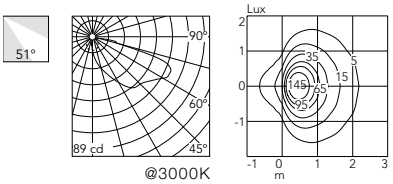
LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation $H_2O$ stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

**Mid - Power Led:** 9,8W - 2x427 lm ≠ FIXT 2x283 lm - 2700K/CRI 80 - 220-240V / 9,8W - 2x445 lm ≠ FIXT 2x294 lm - 3000K/CRI 80 - 220-240V / 9,8W - 2x462 lm ≠ FIXT 2x305 lm - 4000K/CRI 80 - 220-240V

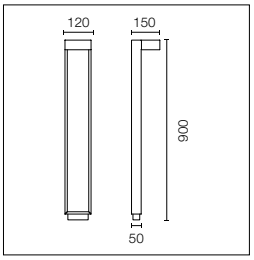
**2700K**
- ○ F015G22A001
- ● F015G22A006
- ● F015G22A012
- ● F015G22A018
- ● F015G22A030
- ● F015G22A033

**3000K**
- ○ F015G32A001
- ● F015G32A006
- ● F015G32A012
- ● F015G32A018
- ● F015G32A030
- ● F015G32A033

**4000K**
- ○ F015G42A001
- ● F015G42A006
- ● F015G42A012
- ● F015G42A018
- ● F015G42A030
- ● F015G42A033



## Mile Bollard 1 900 Mono



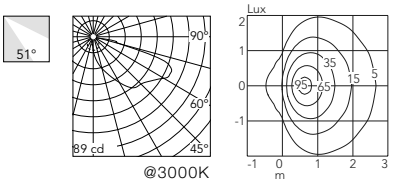

IP 65 · 2,7 Kg · IK 07 · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-$H_2O$-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

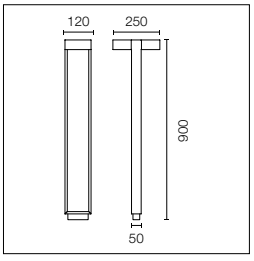
LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation $H_2O$ stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

**Mid - Power Led:** 4,9W - 427 lm ≠ FIXT 283 lm - 2700K/CRI 80 - 220-240V / 4,9W - 445 lm ≠ FIXT 294 lm - 3000K/CRI 80 - 220-240V / 4,9W - 462 lm ≠ FIXT 305 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F015H21A001 | ○ F015H31A001 | ○ F015H41A001 |
| ● F015H21A006 | ● F015H31A006 | ● F015H41A006 |
| ● F015H21A012 | ● F015H31A012 | ● F015H41A012 |
| ● F015H21A018 | ● F015H31A018 | ● F015H41A018 |
| ● F015H21A030 | ● F015H31A030 | ● F015H41A030 |
| ● F015H21A033 | ● F015H31A033 | ● F015H41A033 |




## Mile Bollard 1 900 Double



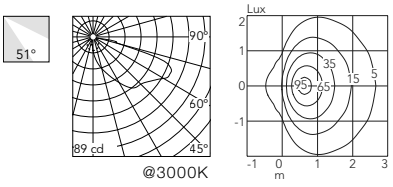

IP 65 · 3,2 Kg · IK 07 · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-$H_2O$-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

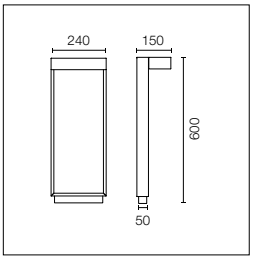
LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation $H_2O$ stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

**Mid - Power Led:** 9,8W - 2x427 lm ≠ FIXT 2x283 lm - 2700K/CRI 80 - 220-240V / 9,8W - 2x445 lm ≠ FIXT 2x294 lm - 3000K/CRI 80 - 220-240V / 9,8W - 2x462 lm ≠ FIXT 2x305 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F015H22A001 | ○ F015H32A001 | ○ F015H42A001 |
| ● F015H22A006 | ● F015H32A006 | ● F015H42A006 |
| ● F015H22A012 | ● F015H32A012 | ● F015H42A012 |
| ● F015H22A018 | ● F015H32A018 | ● F015H42A018 |
| ● F015H22A030 | ● F015H32A030 | ● F015H42A030 |
| ● F015H22A033 | ● F015H32A033 | ● F015H42A033 |



## Mile Bollard 2 600 Mono




IP 65 | IK 07 | 3,3 Kg | LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-$H_2O$-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation $H_2O$ stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

**Mid - Power Led:** 7,8W - 838 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 7,8W - 872 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 7,8W - 905 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ F015J21A001
- ● F015J21A006
- ● F015J21A012
- ● F015J21A018
- ● F015J21A030
- ● F015J21A033

1-10V
- ○ F015J21B001
- ● F015J21B006
- ● F015J21B012
- ● F015J21B018
- ● F015J21B030
- ● F015J21B033

Dali
- ○ F015J21D001
- ● F015J21D006
- ● F015J21D012
- ● F015J21D018
- ● F015J21D030
- ● F015J21D033

**3000K**

Non Dimmable
- ○ F015J31A001
- ● F015J31A006
- ● F015J31A012
- ● F015J31A018
- ● F015J31A030
- ● F015J31A033

1-10V
- ○ F015J31B001
- ● F015J31B006
- ● F015J31B012
- ● F015J31B018
- ● F015J31B030
- ● F015J31B033

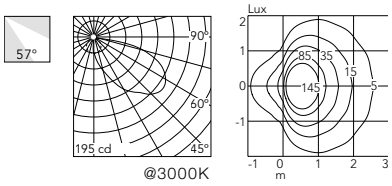
Dali
- ○ F015J31D001
- ● F015J31D006
- ● F015J31D012
- ● F015J31D018
- ● F015J31D030
- ● F015J31D033

**4000K**

Non Dimmable
- ○ F015J41A001
- ● F015J41A006
- ● F015J41A012
- ● F015J41A018
- ● F015J41A030
- ● F015J41A033

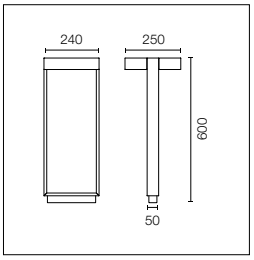
1-10V
- ○ F015J41B001
- ● F015J41B006
- ● F015J41B012
- ● F015J41B018
- ● F015J41B030
- ● F015J41B033

Dali
- ○ F015J41D001
- ● F015J41D006
- ● F015J41D012
- ● F015J41D018
- ● F015J41D030
- ● F015J41D033




@3000K

## Mile Bollard 2 600 Double




IP 65 · 4,1 Kg · IK 07 · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-$H_2O$-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation $H_2O$ stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

**Mid - Power Led:** 15,6W - 2x838 lm ≠ FIXT 2x603 lm - 2700K/CRI 80 - 220-240V / 15,6W - 2x872 lm ≠ FIXT 2x627 lm - 3000K/CRI 80 - 220-240V / 15,6W - 2x905 lm ≠ FIXT 2x651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F015J22A001
- F015J22A006
- F015J22A012
- F015J22A018
- F015J22A030
- F015J22A033

1-10V

- F015J22B001
- F015J22B006
- F015J22B012
- F015J22B018
- F015J22B030
- F015J22B033

Dali

- F015J22D001
- F015J22D006
- F015J22D012
- F015J22D018
- F015J22D030
- F015J22D033

**3000K**

Non Dimmable

- F015J32A001
- F015J32A006
- F015J32A012
- F015J32A018
- F015J32A030
- F015J32A033

1-10V

- F015J32B001
- F015J32B006
- F015J32B012
- F015J32B018
- F015J32B030
- F015J32B033

Dali

- F015J32D001
- F015J32D006
- F015J32D012
- F015J32D018
- F015J32D030
- F015J32D033

**4000K**

Non Dimmable

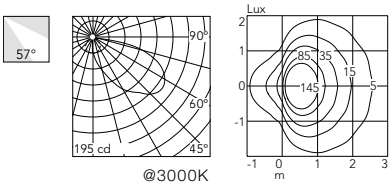
- F015J42A001
- F015J42A006
- F015J42A012
- F015J42A018
- F015J42A030
- F015J42A033

1-10V

- F015J42B001
- F015J42B006
- F015J42B012
- F015J42B018
- F015J42B030
- F015J42B033

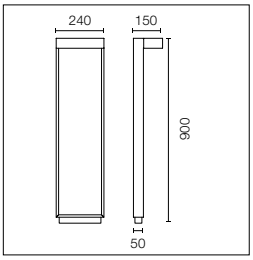
Dali

- F015J42D001
- F015J42D006
- F015J42D012
- F015J42D018
- F015J42D030
- F015J42D033




@3000K

## Mile Bollard 2 900 Mono




IP 65 · IK 07 · 4 Kg · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Ausschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-$H_2O$-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation $H_2O$ stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

**Mid - Power Led:** 7,8W - 838 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 7,8W - 872 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 7,8W - 905 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- ○ F015K21A001
- ● F015K21A006
- ● F015K21A012
- ● F015K21A018
- ● F015K21A030
- ● F015K21A033

1-10V

- ○ F015K21B001
- ● F015K21B006
- ● F015K21B012
- ● F015K21B018
- ● F015K21B030
- ● F015K21B033

Dali

- ○ F015K21D001
- ● F015K21D006
- ● F015K21D012
- ● F015K21D018
- ● F015K21D030
- ● F015K21D033

**3000K**

Non Dimmable

- ○ F015K31A001
- ● F015K31A006
- ● F015K31A012
- ● F015K31A018
- ● F015K31A030
- ● F015K31A033

1-10V

- ○ F015K31B001
- ● F015K31B006
- ● F015K31B012
- ● F015K31B018
- ● F015K31B030
- ● F015K31B033

Dali

- ○ F015K31D001
- ● F015K31D006
- ● F015K31D012
- ● F015K31D018
- ● F015K31D030
- ● F015K31D033

**4000K**

Non Dimmable

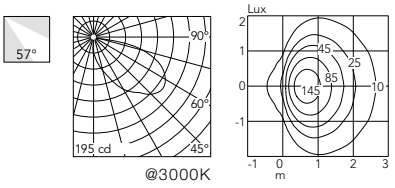
- ○ F015K41A001
- ● F015K41A006
- ● F015K41A012
- ● F015K41A018
- ● F015K41A030
- ● F015K41A033

1-10V

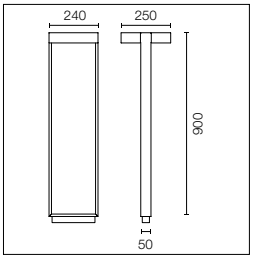
- ○ F015K41B001
- ● F015K41B006
- ● F015K41B012
- ● F015K41B018
- ● F015K41B030
- ● F015K41B033

Dali

- ○ F015K41D001
- ● F015K41D006
- ● F015K41D012
- ● F015K41D018
- ● F015K41D030
- ● F015K41D033



## Mile Bollard 2 900 Double




IP 65 · 4,8 Kg · IK 07 · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Ausschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-$H_2O$-Kondensationsschutzsystem (IP68). Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Die Befestigungsplatte für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation $H_2O$ stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

**Mid - Power Led:** 15,6W - 2x838 lm ≠ FIXT 2x603 lm - 2700K/CRI 80 - 220-240V / 15,6W - 2x872 lm ≠ FIXT 2x627 lm - 3000K/CRI 80 - 220-240V / 15,6W - 2x905 lm ≠ FIXT 2x651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- F015K22A001
- F015K22A006
- F015K22A012
- F015K22A018
- F015K22A030
- F015K22A033

1-10V
- F015K22B001
- F015K22B006
- F015K22B012
- F015K22B018
- F015K22B030
- F015K22B033

Dali
- F015K22D001
- F015K22D006
- F015K22D012
- F015K22D018
- F015K22D030
- F015K22D033

**3000K**

Non Dimmable
- F015K32A001
- F015K32A006
- F015K32A012
- F015K32A018
- F015K32A030
- F015K32A033

1-10V
- F015K32B001
- F015K32B006
- F015K32B012
- F015K32B018
- F015K32B030
- F015K32B033

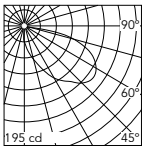
Dali
- F015K32D001
- F015K32D006
- F015K32D012
- F015K32D018
- F015K32D030
- F015K32D033

**4000K**

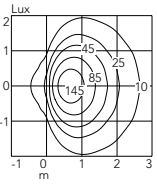
Non Dimmable
- F015K42A001
- F015K42A006
- F015K42A012
- F015K42A018
- F015K42A030
- F015K42A033

1-10V
- F015K42B001
- F015K42B006
- F015K42B012
- F015K42B018
- F015K42B030
- F015K42B033

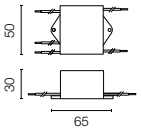
Dali
- F015K42D001
- F015K42D006
- F015K42D012
- F015K42D018
- F015K42D030
- F015K42D033



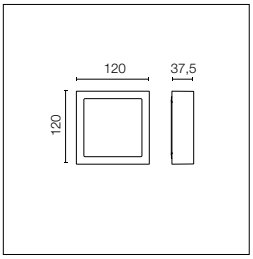

@3000K




## Mile Bollard: Zubehör / Accessories

| | | | |
|---|---|---|---|
| Stiftschraubenplatte. | Base plate with bolt. | Bollard 1<br>F015Z000000 | |
| Stiftschraubenplatte. | Base plate with bolt. | Bollard 2<br>F015Z010000 | |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |   |

## Mile Path 1




IK 10 | IP 66 | 0,5 Kg | LED INCL

Inklusive LED-Lichtquelle. Integrierte 220-240V ON/OFF-Stromversorgung. Ausgestattet mit doppelter Kabeldurchführung für Ein- und Ausgangsanschluss. Inklusive Befestigungshalterung.

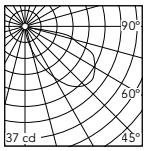
LED light source included. Integrated 220–240 V ON/OFF electrical power. Equipped with double cable gland for inlet and outlet connection. Fixing bracket included.

**Mid - Power Led:** 4,9W - 422 lm ≠ FIXT 100 lm - 2700K/CRI>80 - 220-240V / 4,9W - 439 lm ≠ FIXT 104 lm - 3000K/CRI>80 - 220-240V / 4,9W - 456 lm ≠ FIXT 108 lm - 4000/CRI>80 - 220-240V

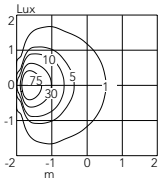
**2700K**
- ○ F015L20A000
- ○ F015L20A001
- ● F015L20A006
- ● F015L20A012
- ● F015L20A018
- ● F015L20A030
- ● F015L20A033

**3000K**
- ○ F015L30A000
- ○ F015L30A001
- ● F015L30A006
- ● F015L30A012
- ● F015L30A018
- ● F015L30A030
- ● F015L30A033

**4000K**
- ○ F015L40A000
- ○ F015L40A001
- ● F015L40A006
- ● F015L40A012
- ● F015L40A018
- ● F015L40A030
- ● F015L40A033

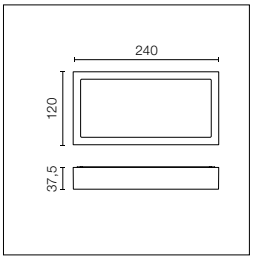


@3000K




* Vorläufige technische Daten und Fotometrien. / Preliminary technical specs and photometries.

## Mile Path 2




IP 66 · IK 10 · 0,8 Kg · LED INCL

Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240V ON/OFF oder dimmbar 1-10V / DALI.
Ausgestattet mit Kabelverschraubung für IP-dichten Sicherheitsanschluss.
Inklusive Befestigungshalterung.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power.
Equipped with a cable gland for safety connection with IP tightness. Fixing bracket included.

**Mid - Power Led:** 7,6W - 818 lm≠ FIXT 172 lm - 2700K/CRI>80 - 220-240V / 7,6W - 850 lm ≠ FIXT 179 lm - 3000K/CRI>80 - 220-240V / 7,6W - 883 lm ≠ FIXT 186 lm - 4000/CRI>80 - 220-240V

**2700K**

Non Dimmable
- ○ F015M20A000
- ○ F015M20A001
- ● F015M20A006
- ● F015M20A012
- ● F015M20A018
- ● F015M20A030
- ● F015M20A033

1-10V
- ○ F015M20B000
- ○ F015M20B001
- ● F015M20B006
- ● F015M20B012
- ● F015M20B018
- ● F015M20B030
- ● F015M20B033

Dali
- ○ F015M20D000
- ○ F015M20D001
- ● F015M20D006
- ● F015M20D012
- ● F015M20D018
- ● F015M20D030
- ● F015M20D033

**3000K**

Non Dimmable
- ○ F015M30A000
- ○ F015M30A001
- ● F015M30A006
- ● F015M30A012
- ● F015M30A018
- ● F015M30A030
- ● F015M30A033

1-10V
- ○ F015M30B000
- ○ F015M30B001
- ● F015M30B006
- ● F015M30B012
- ● F015M30B018
- ● F015M30B030
- ● F015M30B033

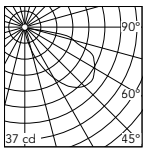
Dali
- ○ F015M30D000
- ○ F015M30D001
- ● F015M30D006
- ● F015M30D012
- ● F015M30D018
- ● F015M30D030
- ● F015M30D033

**4000K**

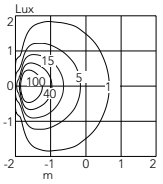
Non Dimmable
- ○ F015M40A000
- ○ F015M40A001
- ● F015M40A006
- ● F015M40A012
- ● F015M40A018
- ● F015M40A030
- ● F015M40A033

1-10V
- ○ F015M40B000
- ○ F015M40B001
- ● F015M40B006
- ● F015M40B012
- ● F015M40B018
- ● F015M40B030
- ● F015M40B033

Dali
- ○ F015M40D000
- ○ F015M40D001
- ● F015M40D006
- ● F015M40D012
- ● F015M40D018
- ● F015M40D030
- ● F015M40D033

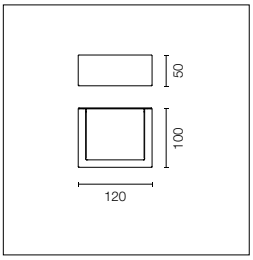



@3000K




* Vorläufige technische Daten und Fotometrien. / Preliminary technical specs and photometries.

## Mile Wall 1 Asymmetric Up




IP 65 · 0,5 Kg · IK 07 · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

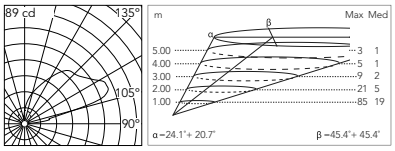
LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for electrical connection.

**Mid - Power Led:** 4,9W - 427 lm ≠ FIXT 283 lm - 2700K/CRI 80 - 220-240V / 4,9W - 445 lm ≠ FIXT 294 lm - 3000K/CRI 80 - 220-240V / 4,9W - 462 lm ≠ FIXT 305 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F015A21A000
- ○ F015A21A001
- ● F015A21A006
- ● F015A21A012
- ● F015A21A018
- ● F015A21A030
- ● F015A21A033

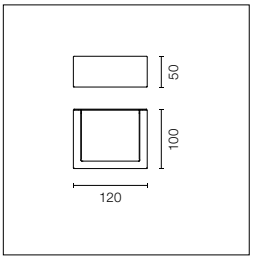
**3000K**
- ○ F015A31A000
- ○ F015A31A001
- ● F015A31A006
- ● F015A31A012
- ● F015A31A018
- ● F015A31A030
- ● F015A31A033

**4000K**
- ○ F015A41A000
- ○ F015A41A001
- ● F015A41A006
- ● F015A41A012
- ● F015A41A018
- ● F015A41A030
- ● F015A41A033




@3000K

## Mile Wall 1 Asymmetric Down




IP 65 · 0,5 Kg · IK 07 · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

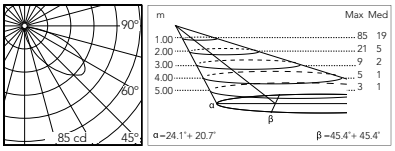
LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for electrical connection.

**Mid - Power Led:** 4,9W - 427 lm ≠ FIXT 283 lm - 2700K/CRI 80 - 220-240V / 4,9W - 445 lm ≠ FIXT 294 lm - 3000K/CRI 80 - 220-240V / 4,9W - 462 lm ≠ FIXT 305 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F015A22A000
- ○ F015A22A001
- ● F015A22A006
- ● F015A22A012
- ● F015A22A018
- ● F015A22A030
- ● F015A22A033

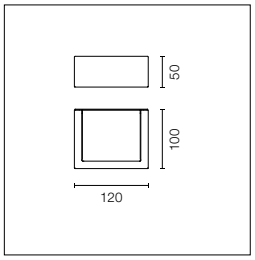
**3000K**
- ○ F015A32A000
- ○ F015A32A001
- ● F015A32A006
- ● F015A32A012
- ● F015A32A018
- ● F015A32A030
- ● F015A32A033

**4000K**
- ○ F015A42A000
- ○ F015A42A001
- ● F015A42A006
- ● F015A42A012
- ● F015A42A018
- ● F015A42A030
- ● F015A42A033




@3000K

## Mile Wall 1 Washer Up



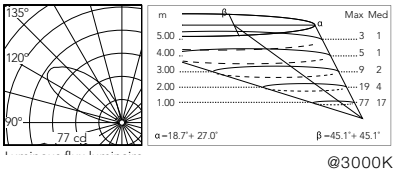

IP 65 | 0,5 Kg | IK 07 | LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for electrical connection.

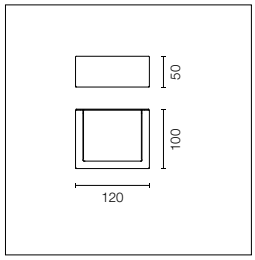
**Mid - Power Led:** 4,9W - 427 lm ≠ FIXT 291 lm - 2700K/CRI 80 - 220-240V / 4,9W - 445 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 4,9W - 462 lm ≠ FIXT 314 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F015B21A000 | ○ F015B31A000 | ○ F015B41A000 |
| ○ F015B21A001 | ○ F015B31A001 | ○ F015B41A001 |
| ● F015B21A006 | ● F015B31A006 | ● F015B41A006 |
| ● F015B21A012 | ● F015B31A012 | ● F015B41A012 |
| ● F015B21A018 | ● F015B31A018 | ● F015B41A018 |
| ● F015B21A030 | ● F015B31A030 | ● F015B41A030 |
| ● F015B21A033 | ● F015B31A033 | ● F015B41A033 |




@3000K

## Mile Wall 1 Washer Down



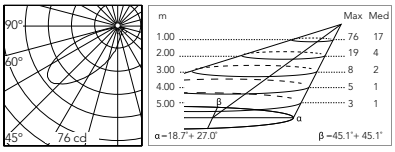

IP 65 | 0,5 Kg | IK 07 | LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for electrical connection.

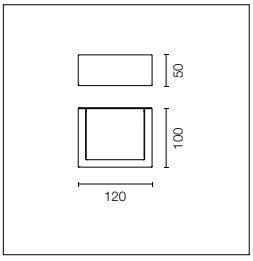
**Mid - Power Led:** 4,9W - 427 lm ≠ FIXT 291 lm - 2700K/CRI 80 - 220-240V / 4,9W - 445 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 4,9W - 462 lm ≠ FIXT 314 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F015B22A000 | ○ F015B32A000 | ○ F015B42A000 |
| ○ F015B22A001 | ○ F015B32A001 | ○ F015B42A001 |
| ● F015B22A006 | ● F015B32A006 | ● F015B42A006 |
| ● F015B22A012 | ● F015B32A012 | ● F015B42A012 |
| ● F015B22A018 | ● F015B32A018 | ● F015B42A018 |
| ● F015B22A030 | ● F015B32A030 | ● F015B42A030 |
| ● F015B22A033 | ● F015B32A033 | ● F015B42A033 |




@3000K

## Mile Wall 1 Asymmetric Up & Down




IP 65 · 0,5 Kg · IK 07 · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

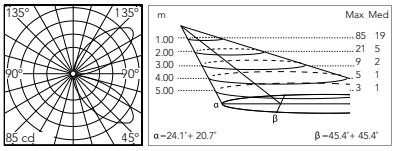
LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for electrical connection.

**Mid - Power Led:** 8,1W - 2x427 lm ≠ FIXT 2x291 lm - 2700K/CRI 80 - 220-240V / 8,1W - 2x445 lm ≠ FIXT 2x303 lm - 3000K/CRI 80 - 220-240V / 8,1W - 2x462 lm ≠ FIXT 2x314 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F015A23A000
- ○ F015A23A001
- ● F015A23A006
- ● F015A23A012
- ● F015A23A018
- ● F015A23A030
- ● F015A23A033

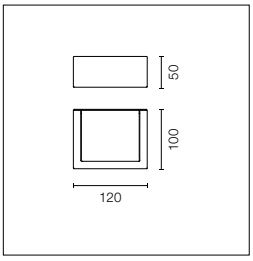
**3000K**
- ○ F015A33A000
- ○ F015A33A001
- ● F015A33A006
- ● F015A33A012
- ● F015A33A018
- ● F015A33A030
- ● F015A33A033

**4000K**
- ○ F015A43A000
- ○ F015A43A001
- ● F015A43A006
- ● F015A43A012
- ● F015A43A018
- ● F015A43A030
- ● F015A43A033




@3000K

## Mile Wall 1 Washer Up & Down




IP 65 · 0,5 Kg · IK 07 · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

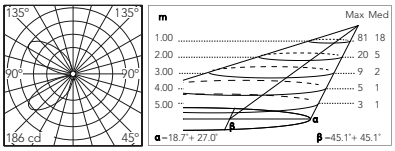
LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for electrical connection.

**Mid - Power Led:** 8,1W - 2x427 lm ≠ FIXT 2x291 lm - 2700K/CRI 80 - 220-240V / 8,1W - 2x445 lm ≠ FIXT 2x303 lm - 3000K/CRI 80 - 220-240V / 8,1W - 2x462 lm ≠ FIXT 2x314 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F015B23A000
- ○ F015B23A001
- ● F015B23A006
- ● F015B23A012
- ● F015B23A018
- ● F015B23A030
- ● F015B23A033

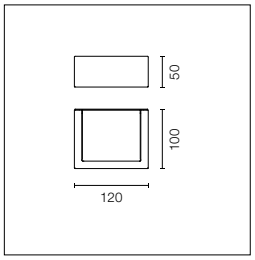
**3000K**
- ○ F015B33A000
- ○ F015B33A001
- ● F015B33A006
- ● F015B33A012
- ● F015B33A018
- ● F015B33A030
- ● F015B33A033

**4000K**
- ○ F015B43A000
- ○ F015B43A001
- ● F015B43A006
- ● F015B43A012
- ● F015B43A018
- ● F015B43A030
- ● F015B43A033




@3000K

## Mile Wall 1 Washer Down + Asymmetric Up




IP 65 · 0,5 Kg · IK 07 · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240V Netzteil zum Ein-/Ausschalten. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

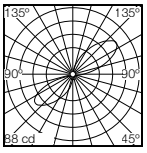
LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with double cable gland for electrical connection.

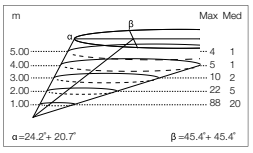
**Mid - Power Led:** 8,1W - 2x427 lm ≠ FIXT 291+283 lm - 2700K/CRI 80 - 220-240V / 8,1W - 2x445 lm ≠ FIXT 303+294 lm - 3000K/CRI 80 - 220-240V / 8,1W - 2x462 lm ≠ FIXT 314+305 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F015C24A000
- ○ F015C24A001
- ● F015C24A006
- ● F015C24A012
- ● F015C24A018
- ● F015C24A030
- ● F015C24A033

**3000K**
- ○ F015C34A000
- ○ F015C34A001
- ● F015C34A006
- ● F015C34A012
- ● F015C34A018
- ● F015C34A030
- ● F015C34A033

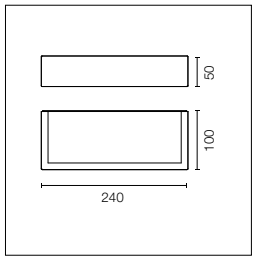
**4000K**
- ○ F015C44A000
- ○ F015C44A001
- ● F015C44A006
- ● F015C44A012
- ● F015C44A018
- ● F015C44A030
- ● F015C44A033




@3000K

## Mile Wall 2 Asymmetric Up




IP 65 · 0,8 Kg · IK 07 · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Ausschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power.Equipped with double cable gland for electrical connection.

**Mid - Power Led:** 7,8W - 838 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 7,8W - 872 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 7,8W - 905 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

**2700K**
Non Dimmable
- ○ F015D21A000
- ○ F015D21A001
- ● F015D21A006
- ● F015D21A012
- ● F015D21A018
- ● F015D21A030
- ● F015D21A033

1-10V
- ○ F015D21B000
- ○ F015D21B001
- ● F015D21B006
- ● F015D21B012
- ● F015D21B018
- ● F015D21B030
- ● F015D21B033

Dali
- ○ F015D21D000
- ○ F015D21D001
- ● F015D21D006
- ● F015D21D012
- ● F015D21D018
- ● F015D21D030
- ● F015D21D033

**3000K**
Non Dimmable
- ○ F015D31A000
- ○ F015D31A001
- ● F015D31A006
- ● F015D31A012
- ● F015D31A018
- ● F015D31A030
- ● F015D31A033

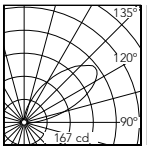
1-10V
- ○ F015D31B000
- ○ F015D31B001
- ● F015D31B006
- ● F015D31B012
- ● F015D31B018
- ● F015D31B030
- ● F015D31B033

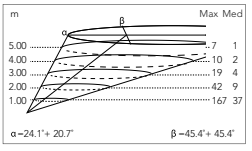
Dali
- ○ F015D31D000
- ○ F015D31D001
- ● F015D31D006
- ● F015D31D012
- ● F015D31D018
- ● F015D31D030
- ● F015D31D033

**4000K**
Non Dimmable
- ○ F015D41A000
- ○ F015D41A001
- ● F015D41A006
- ● F015D41A012
- ● F015D41A018
- ● F015D41A030
- ● F015D41A033

1-10V
- ○ F015D41B000
- ○ F015D41B001
- ● F015D41B006
- ● F015D41B012
- ● F015D41B018
- ● F015D41B030
- ● F015D41B033

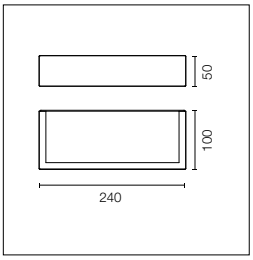
Dali
- ○ F015D41D000
- ○ F015D41D001
- ● F015D41D006
- ● F015D41D012
- ● F015D41D018
- ● F015D41D030
- ● F015D41D033




@3000K

## Mile Wall 2 Asymmetric Down




IP 65 | 0,8 Kg | IK 07 | LED INCL

LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Ausschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/ Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power.Equipped with double cable gland for electrical connection.

**Mid - Power Led:** 7,8W - 838 lm ≠ FIXT 603 lm - 2700K/CRI 80 - 220-240V / 7,8W - 872 lm ≠ FIXT 627 lm - 3000K/CRI 80 - 220-240V / 7,8W - 905 lm ≠ FIXT 651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- ○ F015D22A000
- ○ F015D22A001
- ● F015D22A006
- ● F015D22A012
- ● F015D22A018
- ● F015D22A030
- ● F015D22A033

1-10V

- ○ F015D22B000
- ○ F015D22B001
- ● F015D22B006
- ● F015D22B012
- ● F015D22B018
- ● F015D22B030
- ● F015D22B033

Dali

- ○ F015D22D000
- ○ F015D22D001
- ● F015D22D006
- ● F015D22D012
- ● F015D22D018
- ● F015D22D030
- ● F015D22D033

**3000K**

Non Dimmable

- ○ F015D32A000
- ○ F015D32A001
- ● F015D32A006
- ● F015D32A012
- ● F015D32A018
- ● F015D32A030
- ● F015D32A033

1-10V

- ○ F015D32B000
- ○ F015D32B001
- ● F015D32B006
- ● F015D32B012
- ● F015D32B018
- ● F015D32B030
- ● F015D32B033

Dali

- ○ F015D32D000
- ○ F015D32D001
- ● F015D32D006
- ● F015D32D012
- ● F015D32D018
- ● F015D32D030
- ● F015D32D033

**4000K**

Non Dimmable

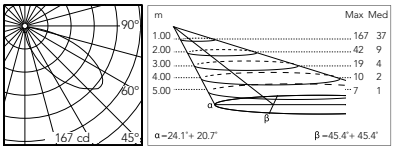
- ○ F015D42A000
- ○ F015D42A001
- ● F015D42A006
- ● F015D42A012
- ● F015D42A018
- ● F015D42A030
- ● F015D42A033

1-10V

- ○ F015D42B000
- ○ F015D42B001
- ● F015D42B006
- ● F015D42B012
- ● F015D42B018
- ● F015D42B030
- ● F015D42B033

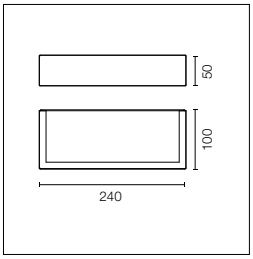
Dali

- ○ F015D42D000
- ○ F015D42D001
- ● F015D42D006
- ● F015D42D012
- ● F015D42D018
- ● F015D42D030
- ● F015D42D033




@3000K

## Mile Wall 2 Washer Up




IP 65 · 0,8 Kg · IK 07 · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Ausschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/ Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power.Equipped with double cable gland for electrical connection.

**Mid - Power Led:** 6,4W - 661 lm ≠ FIXT 453 lm - 2700K/CRI 80 - 220-240V / 6,4W - 714 lm ≠ FIXT 471 lm - 3000K/CRI 80 - 220-240V / 6,4W - 714 lm ≠ FIXT 489 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ F015E21A000
- ○ F015E21A001
- ● F015E21A006
- ● F015E21A012
- ● F015E21A018
- ● F015E21A030
- ● F015E21A033

1-10V
- ○ F015E21B000
- ○ F015E21B001
- ● F015E21B006
- ● F015E21B012
- ● F015E21B018
- ● F015E21B030
- ● F015E21B033

Dali
- ○ F015E21D000
- ○ F015E21D001
- ● F015E21D006
- ● F015E21D012
- ● F015E21D018
- ● F015E21D030
- ● F015E21D033

**3000K**

Non Dimmable
- ○ F015E31A000
- ○ F015E31A001
- ● F015E31A006
- ● F015E31A012
- ● F015E31A018
- ● F015E31A030
- ● F015E31A033

1-10V
- ○ F015E31B000
- ○ F015E31B001
- ● F015E31B006
- ● F015E31B012
- ● F015E31B018
- ● F015E31B030
- ● F015E31B033

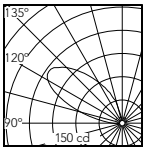
Dali
- ○ F015E31D000
- ○ F015E31D001
- ● F015E31D006
- ● F015E31D012
- ● F015E31D018
- ● F015E31D030
- ● F015E31D033

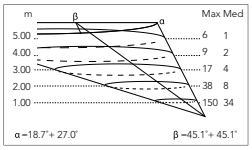
**4000K**

Non Dimmable
- ○ F015E41A000
- ○ F015E41A001
- ● F015E41A006
- ● F015E41A012
- ● F015E41A018
- ● F015E41A030
- ● F015E41A033

1-10V
- ○ F015E41B000
- ○ F015E41B001
- ● F015E41B006
- ● F015E41B012
- ● F015E41B018
- ● F015E41B030
- ● F015E41B033

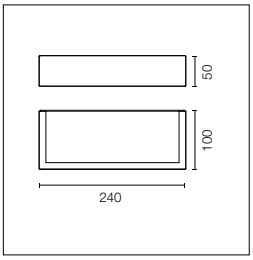
Dali
- ○ F015E41D000
- ○ F015E41D001
- ● F015E41D006
- ● F015E41D012
- ● F015E41D018
- ● F015E41D030
- ● F015E41D033




@3000K

## Mile Wall 2 Washer Down




IP 65

IK 07

0,8 Kg

LED INCL.

LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Ausschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/ Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power.Equipped with double cable gland for electrical connection.

**Mid - Power Led:** 6,4W - 661 lm ≠ FIXT 453 lm - 2700K/CRI 80 - 220-240V / 6,4W - 714 lm ≠ FIXT 471 lm - 3000K/CRI 80 - 220-240V / 6,4W - 714 lm ≠ FIXT 489 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- F015E22A000
- F015E22A001
- F015E22A006
- F015E22A012
- F015E22A018
- F015E22A030
- F015E22A033

1-10V

- F015E22B000
- F015E22B001
- F015E22B006
- F015E22B012
- F015E22B018
- F015E22B030
- F015E22B033

Dali

- F015E22D000
- F015E22D001
- F015E22D006
- F015E22D012
- F015E22D018
- F015E22D030
- F015E22D033

**3000K**

Non Dimmable

- F015E32A000
- F015E32A001
- F015E32A006
- F015E32A012
- F015E32A018
- F015E32A030
- F015E32A033

1-10V

- F015E32B000
- F015E32B001
- F015E32B006
- F015E32B012
- F015E32B018
- F015E32B030
- F015E32B033

Dali

- F015E32D000
- F015E32D001
- F015E32D006
- F015E32D012
- F015E32D018
- F015E32D030
- F015E32D033

**4000K**

Non Dimmable

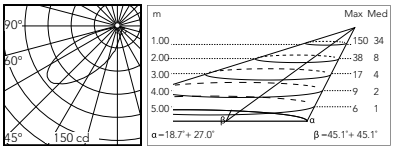
- F015E42A000
- F015E42A001
- F015E42A006
- F015E42A012
- F015E42A018
- F015E42A030
- F015E42A033

1-10V

- F015E42B000
- F015E42B001
- F015E42B006
- F015E42B012
- F015E42B018
- F015E42B030
- F015E42B033

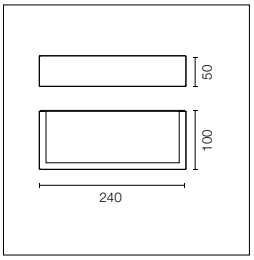
Dali

- F015E42D000
- F015E42D001
- F015E42D006
- F015E42D012
- F015E42D018
- F015E42D030
- F015E42D033




@3000K

## Mile Wall 2 Asymmetric Up & Down




IP 65 · 0,8 Kg · IK 07 · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Ausschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/ Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power.Equipped with double cable gland for electrical connection.

**Mid - Power Led:** 13,5W - 2x838 lm ≠ FIXT 2x603 lm - 2700K/CRI 80 - 220-240V / 13,5W - 2x872 lm ≠ FIXT 2x627 lm - 3000K/CRI 80 - 220-240V / 13,5W - 2x905 lm ≠ FIXT 2x651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ F015D23A000
- ○ F015D23A001
- ● F015D23A006
- ● F015D23A012
- ● F015D23A018
- ● F015D23A030
- ● F015D23A033

1-10V
- ○ F015D23B000
- ○ F015D23B001
- ● F015D23B006
- ● F015D23B012
- ● F015D23B018
- ● F015D23B030
- ● F015D23B033

Dali
- ○ F015D23D000
- ○ F015D23D001
- ● F015D23D006
- ● F015D23D012
- ● F015D23D018
- ● F015D23D030
- ● F015D23D033

**3000K**

Non Dimmable
- ○ F015D33A000
- ○ F015D33A001
- ● F015D33A006
- ● F015D33A012
- ● F015D33A018
- ● F015D33A030
- ● F015D33A033

1-10V
- ○ F015D33B000
- ○ F015D33B001
- ● F015D33B006
- ● F015D33B012
- ● F015D33B018
- ● F015D33B030
- ● F015D33B033

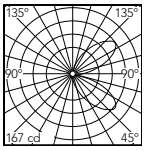
Dali
- ○ F015D33D000
- ○ F015D33D001
- ● F015D33D006
- ● F015D33D012
- ● F015D33D018
- ● F015D33D030
- ● F015D33D033

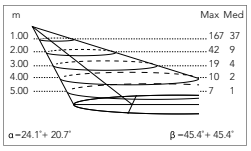
**4000K**

Non Dimmable
- ○ F015D43A000
- ○ F015D43A001
- ● F015D43A006
- ● F015D43A012
- ● F015D43A018
- ● F015D43A030
- ● F015D43A033

1-10V
- ○ F015D43B000
- ○ F015D43B001
- ● F015D43B006
- ● F015D43B012
- ● F015D43B018
- ● F015D43B030
- ● F015D43B033

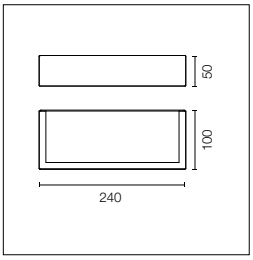
Dali
- ○ F015D43D000
- ○ F015D43D001
- ● F015D43D006
- ● F015D43D012
- ● F015D43D018
- ● F015D43D030
- ● F015D43D033




@3000K

## Mile Wall 2 Washer Up & Down




IP 65 · IK 07 · 0,8 Kg · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Ausschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/ Ausgangsanschluss.

LED light source included. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power.Equipped with double cable gland for electrical connection.

**Mid - Power Led:** 10,5W - 2x661 lm ≠ FIXT 2x453 lm - 2700K/CRI 80 - 220-240V / 10,5W - 2x714 lm ≠ FIXT 2x471 lm - 3000K/CRI 80 - 220-240V / 10,5W - 2x714 lm ≠ FIXT 2x489 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ F015E23A000
- ○ F015E23A001
- ● F015E23A006
- ● F015E23A012
- ● F015E23A018
- ● F015E23A030
- ● F015E23A033

1-10V
- ○ F015E23B000
- ○ F015E23B001
- ● F015E23B006
- ● F015E23B012
- ● F015E23B018
- ● F015E23B030
- ● F015E23B033

Dali
- ○ F015E23D000
- ○ F015E23D001
- ● F015E23D006
- ● F015E23D012
- ● F015E23D018
- ● F015E23D030
- ● F015E23D033

**3000K**

Non Dimmable
- ○ F015E33A000
- ○ F015E33A001
- ● F015E33A006
- ● F015E33A012
- ● F015E33A018
- ● F015E33A030
- ● F015E33A033

1-10V
- ○ F015E33B000
- ○ F015E33B001
- ● F015E33B006
- ● F015E33B012
- ● F015E33B018
- ● F015E33B030
- ● F015E33B033

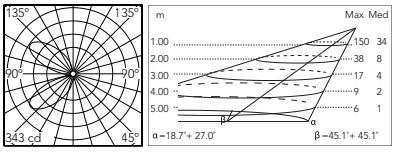
Dali
- ○ F015E33D000
- ○ F015E33D001
- ● F015E33D006
- ● F015E33D012
- ● F015E33D018
- ● F015E33D030
- ● F015E33D033

**4000K**

Non Dimmable
- ○ F015E43A000
- ○ F015E43A001
- ● F015E43A006
- ● F015E43A012
- ● F015E43A018
- ● F015E43A030
- ● F015E43A033

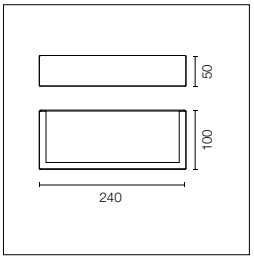
1-10V
- ○ F015E43B000
- ○ F015E43B001
- ● F015E43B006
- ● F015E43B012
- ● F015E43B018
- ● F015E43B030
- ● F015E43B033

Dali
- ○ F015E43D000
- ○ F015E43D001
- ● F015E43D006
- ● F015E43D012
- ● F015E43D018
- ● F015E43D030
- ● F015E43D033




@3000K

## Mile Wall 2 Washer  Down + Asymmetric Up




IP 65 · 0,8 Kg · IK 07 · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. 220-240V Netzteil zum Ein-/Ausschalten und 1-10V-Dimmer oder DALI integriert. Ausgestattet mit doppelter Kabelverschraubung für den Eingangs-/ Ausgangsanschluss.

LED light source included. Integrated 220-240V  ON/OFF and 1-10V or DALI dimmable electrical power.Equipped with double cable gland for electrical connection.

**Mid - Power Led:** 12W - 661+838 lm ≠ FIXT 453+603 lm - 2700K/CRI 80 - 220-240V  /  12W - 2714+872 lm ≠ FIXT 471+627 lm - 3000K/CRI 80 - 220-240V  /  12W - 714+905 lm ≠ FIXT 489+651 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable

- ○ F015F24A000
- ○ F015F24A001
- ● F015F24A006
- ● F015F24A012
- ● F015F24A018
- ● F015F24A030
- ● F015F24A033

1-10V

- ○ F015F24B000
- ○ F015F24B001
- ● F015F24B006
- ● F015F24B012
- ● F015F24B018
- ● F015F24B030
- ● F015F24B033

Dali

- ○ F015F24D000
- ○ F015F24D001
- ● F015F24D006
- ● F015F24D012
- ● F015F24D018
- ● F015F24D030
- ● F015F24D033

**3000K**

Non Dimmable

- ○ F015F34A000
- ○ F015F34A001
- ● F015F34A006
- ● F015F34A012
- ● F015F34A018
- ● F015F34A030
- ● F015F34A033

1-10V

- ○ F015F34B000
- ○ F015F34B001
- ● F015F34B006
- ● F015F34B012
- ● F015F34B018
- ● F015F34B030
- ● F015F34B033

Dali

- ○ F015F34D000
- ○ F015F34D001
- ● F015F34D006
- ● F015F34D012
- ● F015F34D018
- ● F015F34D030
- ● F015F34D033

**4000K**

Non Dimmable

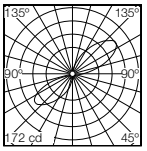
- ○ F015F44A000
- ○ F015F44A001
- ● F015F44A006
- ● F015F44A012
- ● F015F44A018
- ● F015F44A030
- ● F015F44A033

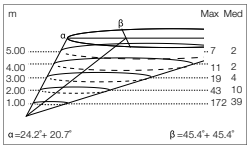
1-10V

- ○ F015F44B000
- ○ F015F44B001
- ● F015F44B006
- ● F015F44B012
- ● F015F44B018
- ● F015F44B030
- ● F015F44B033

Dali

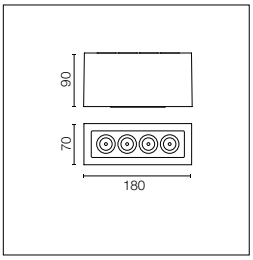
- ○ F015F44D000
- ○ F015F44D001
- ● F015F44D006
- ● F015F44D012
- ● F015F44D018
- ● F015F44D030
- ● F015F44D033




@3000K

## Mile Ceiling 1




IP 66 · IK 08 · 1 Kg · LED INCL

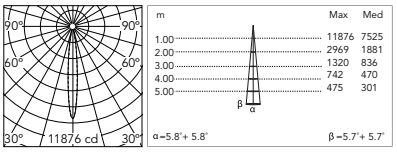
Inklusive LED-Lichtquelle.
Integrierte Spannungsversorgung 220-240V ON/OFF oder dimmbar 1-10V / DALI.
Ausgestattet mit doppelter Kabeldurchführung für Eingangs- und Ausgangsanschluss.
Inklusive Befestigungshalterung.

LED light source included.
Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power.
Equipped with double cable gland for inlet and outlet connection. Fixing bracket included.

**Power Led:** 11W - 994 lm ≠ *FIXT 736 lm - 2700K/CRI>80 - 220-240V / 11W - 1030 lm ≠ *FIXT 759 lm - 3000K/CRI>80 - 220-240V / 11W - 1067 lm ≠ *FIXT 791 lm - 4000K/CRI>80 - 220-240V
*Fixt lm = Spot Optic

### Optic Spot

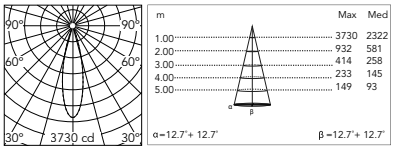
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F030A21A000 | ○ F030A31A000 | ○ F030A41A000 |
| ○ F030A21A001 | ○ F030A31A001 | ○ F030A41A001 |
| ● F030A21A006 | ● F030A31A006 | ● F030A41A006 |
| ● F030A21A012 | ● F030A31A012 | ● F030A41A012 |
| ● F030A21A018 | ● F030A31A018 | ● F030A41A018 |
| ● F030A21A030 | ● F030A31A030 | ● F030A41A030 |
| ● F030A21A033 | ● F030A31A033 | ● F030A41A033 |
| 1-10V | 1-10V | 1-10V |
| ○ F030A21B000 | ○ F030A31B000 | ○ F030A41B000 |
| ○ F030A21B001 | ○ F030A31B001 | ○ F030A41B001 |
| ● F030A21B006 | ● F030A31B006 | ● F030A41B006 |
| ● F030A21B012 | ● F030A31B012 | ● F030A41B012 |
| ● F030A21B018 | ● F030A31B018 | ● F030A41B018 |
| ● F030A21B030 | ● F030A31B030 | ● F030A41B030 |
| ● F030A21B033 | ● F030A31B033 | ● F030A41B033 |
| Dali | Dali | Dali |
| ○ F030A21D000 | ○ F030A31D000 | ○ F030A41D000 |
| ○ F030A21D001 | ○ F030A31D001 | ○ F030A41D001 |
| ● F030A21D006 | ● F030A31D006 | ● F030A41D006 |
| ● F030A21D012 | ● F030A31D012 | ● F030A41D012 |
| ● F030A21D018 | ● F030A31D018 | ● F030A41D018 |
| ● F030A21D030 | ● F030A31D030 | ● F030A41D030 |
| ● F030A21D033 | ● F030A31D033 | ● F030A41D033 |




@3000K

### Optic Medium

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ F030A22A000 | ○ F030A32A000 | ○ F030A42A000 |
| ○ F030A22A001 | ○ F030A32A001 | ○ F030A42A001 |
| ● F030A22A006 | ● F030A32A006 | ● F030A42A006 |
| ● F030A22A012 | ● F030A32A012 | ● F030A42A012 |
| ● F030A22A018 | ● F030A32A018 | ● F030A42A018 |
| ● F030A22A030 | ● F030A32A030 | ● F030A42A030 |
| ● F030A22A033 | ● F030A32A033 | ● F030A42A033 |
| 1-10V | 1-10V | 1-10V |
| ○ F030A22B000 | ○ F030A32B000 | ○ F030A42B000 |
| ○ F030A22B001 | ○ F030A32B001 | ○ F030A42B001 |
| ● F030A22B006 | ● F030A32B006 | ● F030A42B006 |
| ● F030A22B012 | ● F030A32B012 | ● F030A42B012 |
| ● F030A22B018 | ● F030A32B018 | ● F030A42B018 |
| ● F030A22B030 | ● F030A32B030 | ● F030A42B030 |
| ● F030A22B033 | ● F030A32B033 | ● F030A42B033 |
| Dali | Dali | Dali |
| ○ F030A22D000 | ○ F030A32D000 | ○ F030A42D000 |
| ○ F030A22D001 | ○ F030A32D001 | ○ F030A42D001 |
| ● F030A22D006 | ● F030A32D006 | ● F030A42D006 |
| ● F030A22D012 | ● F030A32D012 | ● F030A42D012 |
| ● F030A22D018 | ● F030A32D018 | ● F030A42D018 |
| ● F030A22D030 | ● F030A32D030 | ● F030A42D030 |
| ● F030A22D033 | ● F030A32D033 | ● F030A42D033 |




@3000K

**Optic Flood**

**2700K**

Non Dimmable

- ○ F030A23A000
- ○ F030A23A001
- ● F030A23A006
- ● F030A23A012
- ● F030A23A018
- ● F030A23A030
- ● F030A23A033

1-10V

- ○ F030A23B000
- ○ F030A23B001
- ● F030A23B006
- ● F030A23B012
- ● F030A23B018
- ● F030A23B030
- ● F030A23B033

Dali

- ○ F030A23D000
- ○ F030A23D001
- ● F030A23D006
- ● F030A23D012
- ● F030A23D018
- ● F030A23D030
- ● F030A23D033

**3000K**

Non Dimmable

- ○ F030A33A000
- ○ F030A33A001
- ● F030A33A006
- ● F030A33A012
- ● F030A33A018
- ● F030A33A030
- ● F030A33A033

1-10V

- ○ F030A33B000
- ○ F030A33B001
- ● F030A33B006
- ● F030A33B012
- ● F030A33B018
- ● F030A33B030
- ● F030A33B033

Dali

- ○ F030A33D000
- ○ F030A33D001
- ● F030A33D006
- ● F030A33D012
- ● F030A33D018
- ● F030A33D030
- ● F030A33D033

**4000K**

Non Dimmable

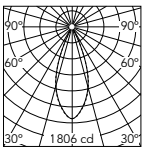
- ○ F030A43A000
- ○ F030A43A001
- ● F030A43A006
- ● F030A43A012
- ● F030A43A018
- ● F030A43A030
- ● F030A43A033

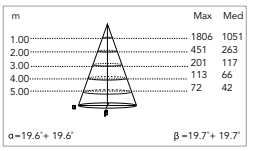
1-10V

- ○ F030A43B000
- ○ F030A43B001
- ● F030A43B006
- ● F030A43B012
- ● F030A43B018
- ● F030A43B030
- ● F030A43B033

Dali

- ○ F030A43D000
- ○ F030A43D001
- ● F030A43D006
- ● F030A43D012
- ● F030A43D018
- ● F030A43D030
- ● F030A43D033




@3000K

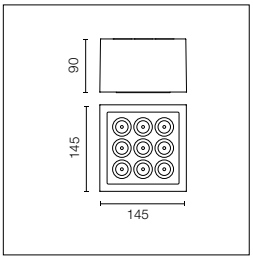
## Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

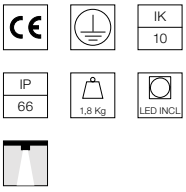
| | | | |
|---|---|---|---|
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |

## Zubehör für dimmbare Versionen / Accessories for dimmable versions

| | | | |
|---|---|---|---|
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 | |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 | |

## Mile Ceiling 2




Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240V ON/OFF oder dimmbar 1-10V / DALI.
Ausgestattet mit doppelter Kabeldurchführung für Eingangs- und Ausgangsanschluss. Inklusive Befestigungshalterung.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power.
Equipped with double cable gland for inlet and outlet connection. Fixing bracket included.

**Power Led:** 15W - 1677 lm ≠ *FIXT 1032 lm - 2700K/CRI>80 - 220-240V / 15W - 1739 lm ≠ *FIXT 1344 lm - 3000K/CRI>80 - 220-240V / 15W - 1800 lm ≠ *FIXT 1400 lm - 4000K/CRI>80 - 220-240V
*Fixt lm = Spot Optic

### Optic Spot

**2700K**
Non Dimmable
- F030C21A000
- F030C21A001
- F030C21A006
- F030C21A012
- F030C21A018
- F030C21A030
- F030C21A033

1-10V
- F030C21B000
- F030C21B001
- F030C21B006
- F030C21B012
- F030C21B018
- F030C21B030
- F030C21B033

Dali
- F030C21D000
- F030C21D001
- F030C21D006
- F030C21D012
- F030C21D018
- F030C21D030
- F030C21D033

**3000K**
Non Dimmable
- F030C31A000
- F030C31A001
- F030C31A006
- F030C31A012
- F030C31A018
- F030C31A030
- F030C31A033

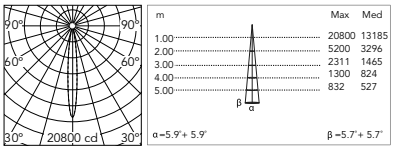
1-10V
- F030C31B000
- F030C31B001
- F030C31B006
- F030C31B012
- F030C31B018
- F030C31B030
- F030C31B033

Dali
- F030C31D000
- F030C31D001
- F030C31D006
- F030C31D012
- F030C31D018
- F030C31D030
- F030C31D033

**4000K**
Non Dimmable
- F030C41A000
- F030C41A001
- F030C41A006
- F030C41A012
- F030C41A018
- F030C41A030
- F030C41A033

1-10V
- F030C41B000
- F030C41B001
- F030C41B006
- F030C41B012
- F030C41B018
- F030C41B030
- F030C41B033

Dali
- F030C41D000
- F030C41D001
- F030C41D006
- F030C41D012
- F030C41D018
- F030C41D030
- F030C41D033




@3000K

### Optic Medium

**2700K**
Non Dimmable
- F030C22A000
- F030C22A001
- F030C22A006
- F030C22A012
- F030C22A018
- F030C22A030
- F030C22A033

1-10V
- F030C22B000
- F030C22B001
- F030C22B006
- F030C22B012
- F030C22B018
- F030C22B030
- F030C22B033

Dali
- F030C22D000
- F030C22D001
- F030C22D006
- F030C22D012
- F030C22D018
- F030C22D030
- F030C22D033

**3000K**
Non Dimmable
- F030C32A000
- F030C32A001
- F030C32A006
- F030C32A012
- F030C32A018
- F030C32A030
- F030C32A033

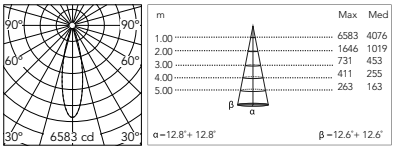
1-10V
- F030C32B000
- F030C32B001
- F030C32B006
- F030C32B012
- F030C32B018
- F030C32B030
- F030C32B033

Dali
- F030C32D000
- F030C32D001
- F030C32D006
- F030C32D012
- F030C32D018
- F030C32D030
- F030C32D033

**4000K**
Non Dimmable
- F030C42A000
- F030C42A001
- F030C42A006
- F030C42A012
- F030C42A018
- F030C42A030
- F030C42A033

1-10V
- F030C42B000
- F030C42B001
- F030C42B006
- F030C42B012
- F030C42B018
- F030C42B030
- F030C42B033

Dali
- F030C42D000
- F030C42D001
- F030C42D006
- F030C42D012
- F030C42D018
- F030C42D030
- F030C42D033




@3000K

**Optic Flood**

**2700K**

Non Dimmable

- ○ F030C23A000
- ○ F030C23A001
- ● F030C23A006
- ● F030C23A012
- ● F030C23A018
- ● F030C23A030
- ● F030C23A033

1-10V

- ○ F030C23B000
- ○ F030C23B001
- ● F030C23B006
- ● F030C23B012
- ● F030C23B018
- ● F030C23B030
- ● F030C23B033

Dali

- ○ F030C23D000
- ○ F030C23D001
- ● F030C23D006
- ● F030C23D012
- ● F030C23D018
- ● F030C23D030
- ● F030C23D033

**3000K**

Non Dimmable

- ○ F030C33A000
- ○ F030C33A001
- ● F030C33A006
- ● F030C33A012
- ● F030C33A018
- ● F030C33A030
- ● F030C33A033

1-10V

- ○ F030C33B000
- ○ F030C33B001
- ● F030C33B006
- ● F030C33B012
- ● F030C33B018
- ● F030C33B030
- ● F030C33B033

Dali

- ○ F030C33D000
- ○ F030C33D001
- ● F030C33D006
- ● F030C33D012
- ● F030C33D018
- ● F030C33D030
- ● F030C33D033

**4000K**

Non Dimmable

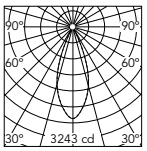
- ○ F030C43A000
- ○ F030C43A001
- ● F030C43A006
- ● F030C43A012
- ● F030C43A018
- ● F030C43A030
- ● F030C43A033

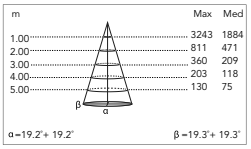
1-10V

- ○ F030C43B000
- ○ F030C43B001
- ● F030C43B006
- ● F030C43B012
- ● F030C43B018
- ● F030C43B030
- ● F030C43B033

Dali

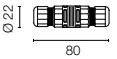
- ○ F030C43D000
- ○ F030C43D001
- ● F030C43D006
- ● F030C43D012
- ● F030C43D018
- ● F030C43D030
- ● F030C43D033




@3000K

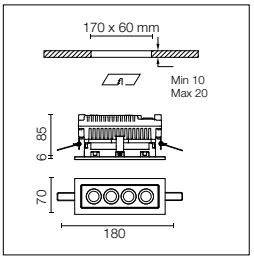
## Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

| | | | | |
|---|---|---|---|---|
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | | |

## Zubehör für dimmbare Versionen / Accessories for dimmable versions

| | | | |
|---|---|---|---|
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 | |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 | |

## Mile Recessed 1




IP 66 · IK 08 · 1 Kg · LED INCL

Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240V ON/OFF oder dimmbar 1-10V / DALI. Ausgestattet mit Neopren-Kabeldurchlass und doppelter Kabeldurchführung für den Ein- und Austritt. Inklusive Federn für die Deckenmontage. Die Schalung für Ziegeldecken muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with neoprene cable outlet and double cable grommet for in/out connection. Ceiling mounting springs included. Box for brick roofing installation to be ordered separately.

**Power Led:** 11W - 994 lm ≠ *FIXT 736 lm - 2700K/CRI>80 - 220-240V / 11W - 1030 lm ≠ *FIXT 759 lm - 3000K/CRI>80 - 220-240V / 11W - 1067 lm ≠ *FIXT 791 lm - 4000K/CRI>80 - 220-240V
*Fixt lm = Spot Optic

### Optic Spot

**2700K**
Non Dimmable
- F030B21A000
- F030B21A001
- F030B21A006
- F030B21A012
- F030B21A018
- F030B21A030
- F030B21A033

1-10V
- F030B21B000
- F030B21B001
- F030B21B006
- F030B21B012
- F030B21B018
- F030B21B030
- F030B21B033

Dali
- F030B21D000
- F030B21D001
- F030B21D006
- F030B21D012
- F030B21D018
- F030B21D030
- F030B21D033

**3000K**
Non Dimmable
- F030B31A000
- F030B31A001
- F030B31A006
- F030B31A012
- F030B31A018
- F030B31A030
- F030B31A033

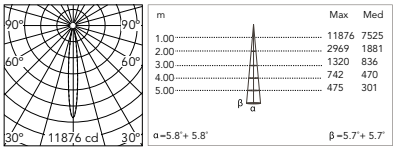
1-10V
- F030B31B000
- F030B31B001
- F030B31B006
- F030B31B012
- F030B31B018
- F030B31B030
- F030B31B033

Dali
- F030B31D000
- F030B31D001
- F030B31D006
- F030B31D012
- F030B31D018
- F030B31D030
- F030B31D033

**4000K**
Non Dimmable
- F030B41A000
- F030B41A001
- F030B41A006
- F030B41A012
- F030B41A018
- F030B41A030
- F030B41A033

1-10V
- F030B41B000
- F030B41B001
- F030B41B006
- F030B41B012
- F030B41B018
- F030B41B030
- F030B41B033

Dali
- F030B41D000
- F030B41D001
- F030B41D006
- F030B41D012
- F030B41D018
- F030B41D030
- F030B41D033




@3000K

### Optic Medium

**2700K**
Non Dimmable
- F030B22A000
- F030B22A001
- F030B22A006
- F030B22A012
- F030B22A018
- F030B22A030
- F030B22A033

1-10V
- F030B22B000
- F030B22B001
- F030B22B006
- F030B22B012
- F030B22B018
- F030B22B030
- F030B22B033

Dali
- F030B22D000
- F030B22D001
- F030B22D006
- F030B22D012
- F030B22D018
- F030B22D030
- F030B22D033

**3000K**
Non Dimmable
- F030B32A000
- F030B32A001
- F030B32A006
- F030B32A012
- F030B32A018
- F030B32A030
- F030B32A033

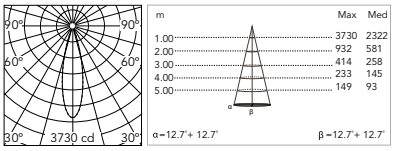
1-10V
- F030B32B000
- F030B32B001
- F030B32B006
- F030B32B012
- F030B32B018
- F030B32B030
- F030B32B033

Dali
- F030B32D000
- F030B32D001
- F030B32D006
- F030B32D012
- F030B32D018
- F030B32D030
- F030B32D033

**4000K**
Non Dimmable
- F030B42A000
- F030B42A001
- F030B42A006
- F030B42A012
- F030B42A018
- F030B42A030
- F030B42A033

1-10V
- F030B42B000
- F030B42B001
- F030B42B006
- F030B42B012
- F030B42B018
- F030B42B030
- F030B42B033

Dali
- F030B42D000
- F030B42D001
- F030B42D006
- F030B42D012
- F030B42D018
- F030B42D030
- F030B42D033




@3000K

**Optic Flood**

**2700K**

Non Dimmable

- ○ F030B23A000
- ○ F030B23A001
- ● F030B23A006
- ● F030B23A012
- ● F030B23A018
- ● F030B23A030
- ● F030B23A033

1-10V

- ○ F030B23B000
- ○ F030B23B001
- ● F030B23B006
- ● F030B23B012
- ● F030B23B018
- ● F030B23B030
- ● F030B23B033

Dali

- ○ F030B23D000
- ○ F030B23D001
- ● F030B23D006
- ● F030B23D012
- ● F030B23D018
- ● F030B23D030
- ● F030B23D033

**3000K**

Non Dimmable

- ○ F030B33A000
- ○ F030B33A001
- ● F030B33A006
- ● F030B33A012
- ● F030B33A018
- ● F030B33A030
- ● F030B33A033

1-10V

- ○ F030B33B000
- ○ F030B33B001
- ● F030B33B006
- ● F030B33B012
- ● F030B33B018
- ● F030B33B030
- ● F030B33B033

Dali

- ○ F030B33D000
- ○ F030B33D001
- ● F030B33D006
- ● F030B33D012
- ● F030B33D018
- ● F030B33D030
- ● F030B33D033

**4000K**

Non Dimmable

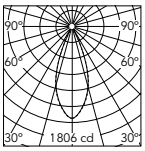
- ○ F030B43A000
- ○ F030B43A001
- ● F030B43A006
- ● F030B43A012
- ● F030B43A018
- ● F030B43A030
- ● F030B43A033

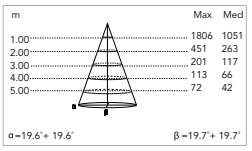
1-10V

- ○ F030B43B000
- ○ F030B43B001
- ● F030B43B006
- ● F030B43B012
- ● F030B43B018
- ● F030B43B030
- ● F030B43B033

Dali

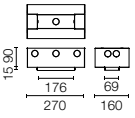
- ○ F030B43D000
- ○ F030B43D001
- ● F030B43D006
- ● F030B43D012
- ● F030B43D018
- ● F030B43D030
- ● F030B43D033



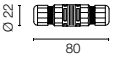




@3000K

## Mile Recessed 1: Zubehör / Accessories

| | | | | |
|---|---|---|---|---|
| Einbaudose aus Metall für Betondecken. | Metal installation box for concrete ceiling. | F030Z010000 | |  |

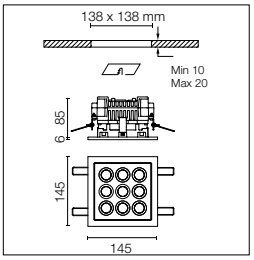
## Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

| | | | | |
|---|---|---|---|---|
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | | |

## Zubehör für dimmbare Versionen / Accessories for dimmable versions

| | | | | |
|---|---|---|---|---|
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 | | |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 | | |

## Mile Recessed 2




IP 66 | IK 10 | 1,8 Kg | LED INCL

Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240V ON/OFF oder dimmbar 1-10V / DALI. Ausgestattet mit Neopren-Kabeldurchlass und doppelter Kabeldurchführung für den Ein- und Austritt. Inklusive Federn für die Deckenmontage. Die Schalung für Ziegeldecken muss separat bestellt werden.

LED light source included. Integrated 220-240V ON/OFF and 1-10V/DALI dimmable electrical power. Equipped with neoprene cable outlet and double cable grommet for in/out connection. Ceiling mounting springs included. Box for brick roofing installation to be ordered separately.

**Power Led:** 15W - 1677 lm ≠ *FIXT 1032 lm - 2700K/CRI>80 - 220-240V / 15W - 1739 lm ≠ *FIXT 1344 lm - 3000K/CRI>80 - 220-240V / 15W - 1800 lm ≠ *FIXT 1400 lm - 4000K/CRI>80 - 220-240V
*Fixt lm = Spot Optic

### Optic Spot

**2700K**
Non Dimmable
- ○ F030D21A000
- ○ F030D21A001
- ● F030D21A006
- ● F030D21A012
- ● F030D21A018
- ● F030D21A030
- ● F030D21A033

1-10V
- ○ F030D21B000
- ○ F030D21B001
- ● F030D21B006
- ● F030D21B012
- ● F030D21B018
- ● F030D21B030
- ● F030D21B033

Dali
- ○ F030D21D000
- ○ F030D21D001
- ● F030D21D006
- ● F030D21D012
- ● F030D21D018
- ● F030D21D030
- ● F030D21D033

**3000K**
Non Dimmable
- ○ F030D31A000
- ○ F030D31A001
- ● F030D31A006
- ● F030D31A012
- ● F030D31A018
- ● F030D31A030
- ● F030D31A033

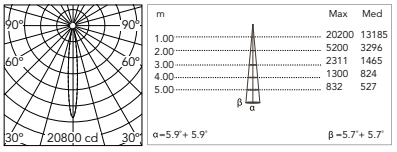
1-10V
- ○ F030D31B000
- ○ F030D31B001
- ● F030D31B006
- ● F030D31B012
- ● F030D31B018
- ● F030D31B030
- ● F030D31B033

Dali
- ○ F030D31D000
- ○ F030D31D001
- ● F030D31D006
- ● F030D31D012
- ● F030D31D018
- ● F030D31D030
- ● F030D31D033

**4000K**
Non Dimmable
- ○ F030D41A000
- ○ F030D41A001
- ● F030D41A006
- ● F030D41A012
- ● F030D41A018
- ● F030D41A030
- ● F030D41A033

1-10V
- ○ F030D41B000
- ○ F030D41B001
- ● F030D41B006
- ● F030D41B012
- ● F030D41B018
- ● F030D41B030
- ● F030D41B033

Dali
- ○ F030D41D000
- ○ F030D41D001
- ● F030D41D006
- ● F030D41D012
- ● F030D41D018
- ● F030D41D030
- ● F030D41D033




@3000K

### Optic Medium

**2700K**
Non Dimmable
- ○ F030D22A000
- ○ F030D22A001
- ● F030D22A006
- ● F030D22A012
- ● F030D22A018
- ● F030D22A030
- ● F030D22A033

1-10V
- ○ F030D22B000
- ○ F030D22B001
- ● F030D22B006
- ● F030D22B012
- ● F030D22B018
- ● F030D22B030
- ● F030D22B033

Dali
- ○ F030D22D000
- ○ F030D22D001
- ● F030D22D006
- ● F030D22D012
- ● F030D22D018
- ● F030D22D030
- ● F030D22D033

**3000K**
Non Dimmable
- ○ F030D32A000
- ○ F030D32A001
- ● F030D32A006
- ● F030D32A012
- ● F030D32A018
- ● F030D32A030
- ● F030D32A033

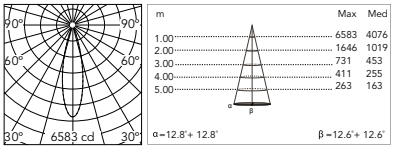
1-10V
- ○ F030D32B000
- ○ F030D32B001
- ● F030D32B006
- ● F030D32B012
- ● F030D32B018
- ● F030D32B030
- ● F030D32B033

Dali
- ○ F030D32D000
- ○ F030D32D001
- ● F030D32D006
- ● F030D32D012
- ● F030D32D018
- ● F030D32D030
- ● F030D32D033

**4000K**
Non Dimmable
- ○ F030D42A000
- ○ F030D42A001
- ● F030D42A006
- ● F030D42A012
- ● F030D42A018
- ● F030D42A030
- ● F030D42A033

1-10V
- ○ F030D42B000
- ○ F030D42B001
- ● F030D42B006
- ● F030D42B012
- ● F030D42B018
- ● F030D42B030
- ● F030D42B033

Dali
- ○ F030D42D000
- ○ F030D42D001
- ● F030D42D006
- ● F030D42D012
- ● F030D42D018
- ● F030D42D030
- ● F030D42D033




@3000K

**Optic Flood**

**2700K**

Non Dimmable

- ○ F030D23A000
- ○ F030D23A001
- ● F030D23A006
- ● F030D23A012
- ● F030D23A018
- ● F030D23A030
- ● F030D23A033

1-10V

- ○ F030D23B000
- ○ F030D23B001
- ● F030D23B006
- ● F030D23B012
- ● F030D23B018
- ● F030D23B030
- ● F030D23B033

Dali

- ○ F030D23D000
- ○ F030D23D001
- ● F030D23D006
- ● F030D23D012
- ● F030D23D018
- ● F030D23D030
- ● F030D23D033

**3000K**

Non Dimmable

- ○ F030D33A000
- ○ F030D33A001
- ● F030D33A006
- ● F030D33A012
- ● F030D33A018
- ● F030D33A030
- ● F030D33A033

1-10V

- ○ F030D33B000
- ○ F030D33B001
- ● F030D33B006
- ● F030D33B012
- ● F030D33B018
- ● F030D33B030
- ● F030D33B033

Dali

- ○ F030D33D000
- ○ F030D33D001
- ● F030D33D006
- ● F030D33D012
- ● F030D33D018
- ● F030D33D030
- ● F030D33D033

**4000K**

Non Dimmable

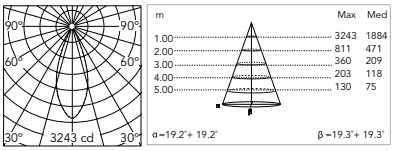
- ○ F030D43A000
- ○ F030D43A001
- ● F030D43A006
- ● F030D43A012
- ● F030D43A018
- ● F030D43A030
- ● F030D43A033

1-10V

- ○ F030D43B000
- ○ F030D43B001
- ● F030D43B006
- ● F030D43B012
- ● F030D43B018
- ● F030D43B030
- ● F030D43B033

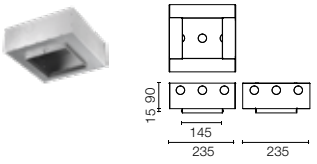
Dali

- ○ F030D43D000
- ○ F030D43D001
- ● F030D43D006
- ● F030D43D012
- ● F030D43D018
- ● F030D43D030
- ● F030D43D033

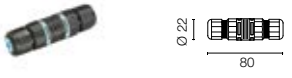



@3000K

## Mile Recessed 2: Zubehör / Accessories

| | | | |
|---|---|---|---|
| Einbaudose aus Metall für Betondecken. | Metal installation box for concrete ceiling. | F030Z020000 |   |

## Zubehör für nicht dimmbare Versionen / Accessories for non-dimmable versions

| | | | |
|---|---|---|---|
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 |   |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |

## Zubehör für dimmbare Versionen / Accessories for dimmable versions

| | | | |
|---|---|---|---|
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 | |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 | |

## Captain Flint

Designed by Michael Anastassiades

Captain Flint

Captain Flint Wall

## Familie / Family

Captain Flint Outdoor Floor

**CoB Led**
11W
613 lm - 2700K/CRI 80
658 lm - 3000K/CRI 80
703 lm - 4000K/CRI 80

Captain Flint Outdoor Wall

**CoB Led**
9,5W
613 lm - 2700K/CRI 80
658 lm - 3000K/CRI 80
703 lm - 4000K/CRI 80

## Ausführungen / Colours

18 Deep Brown

30 Black

37 Burgundy Red

55 Brushed Stainless Steel

59 Brass Finish

## Captain Flint Outdoor Floor - Stone bases

18 Deep Brown/Travertino Imperiale

30 Black/Black Lava

37 Burgundy Red/Black Lava

55 Brushed Stainless Steel/
Occhio di Pernice

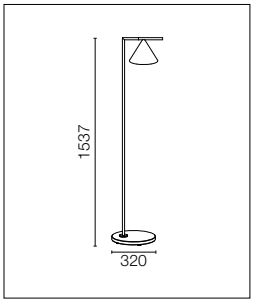
59 Brass Finish/Grey Lava

**Beschreibung / Description**

Leuchtenfamilie mit Wandversion und Bodenversion für den Außenbereich.
Wandversion mit festem Kopf. Rosette, Rahmen und Kegel aus poliertem 316L-Edelstahl, lackiert oder aus poliertem Messing. Die Strukturteile wurden mit einem chemischen Umwandlungsverfahren behandelt, um eine wirksame Beständigkeit gegen Witterungseinflüsse zu erreichen. Diffusor aus fotogeätztem und spritzgegossenem opalisierendem Anti-UV-Polycarbonat. Inklusive LED-Lichtquelle.
Bodenversion mit 315° verstellbarem Kopf auf horizontaler Stange, mit einem stabilen Steinsockel, der in verschiedenen Ausführungen erhältlich ist. Erhältlich in vier Standardkombinationen: schwarz lackierter Stahl/schwarze Lava, tiefbraun lackierter Stahl/Travertino imperiale, satiniertes Messing/graue Lava, satinierter Edelstahl/Occhio di pernice. 5 Meter langes, für den Außenbereich geeignetes Kabel mit IP44-Schukostecker.
IP65 beleuchteter Dimmschalter entlang des Kabels, der ON/OFF-Funktionen und 30-100 % Dimmen des Lichtstroms garantiert.

Luminaire family with wall version and outdoor floor version.
Wall version with fixed head. Rose, frame and cone in 316L polished or painted stainless steel or polished brass finishes. Structural parts have been treated with a chemical conversion process for effective resistance against atmospheric conditions. Diffuser in photo-recorded and injection molded UV-resistant opalescent polycarbonate. LED light source included.
Floor version with 315° adjustable head in horizontal rod, with a robust stone base that comes in various finishes. Available in four standard combinations: black/black lava painted steel, deep brown/travertino imperiale, satinized brass/grey lava, satinized stainless steel/occhio di pernice. 5-m cable with IP44 Schuko plug suitable for outdoor use. Backlit floor dimmer switch along the IP65 cable enables ON/OFF function and 30–100% brightness regulation.

## Captain Flint Outdoor Floor




IK 07

IP 65

10,0 Kg

LED INCL.

LED-Lichtquelle inbegriffen.
Kabel (5 m lang und mit IP44-Schukostecker) für den Außenbereich geeignet.
Der entlang des Kabels von hinten beleuchtete Dimmer-Pedalschalter (IP65) ermöglicht die ON/OFF-Funktionen sowie die Einstellung des Lichtstroms von 30-100 %.
Casambi Funktion auf Anfrage.

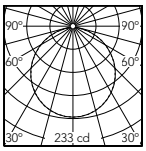
LED bulb included.
5-m cable with Schuko IP44 plug suitable for outdoor use.
Backlit floor dimmer switch on the IP65 cable enables ON/OFF function and brightness regulation 30-100%.
Casambi function on demand.

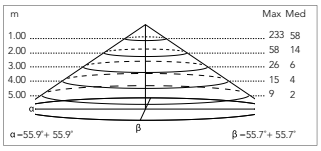
**CoB Led:** 11W -1055 lm ≠ FIXT 613 lm - 2700K/CRI>80 - 220-240V / 11W - 1133 lm ≠ FIXT 658 lm - 3000K/CRI>80 - 220-240V / 11W -1211 lm ≠ FIXT 703 lm - 4000K/CRI>80 - 220-240V

**2700K**
- F011A21F018.A
- F011A22F030.A
- F011A22F037.A
- F011A24F055.A
- F011A23F059.A

**3000K**
- F011A31F018.A
- F011A32F030.A
- F011A32F037.A
- F011A34F055.A
- F011A33F059.A

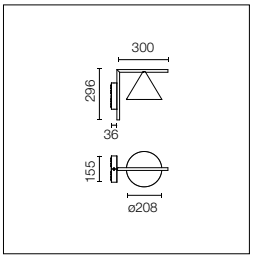
**4000K**
- F011A41F018.A
- F011A42F030.A
- F011A42F037.A
- F011A44F055.A
- F011A43F059.A




@3000K

## Captain Flint Outdoor Wall




IP 65 · 2,1 Kg · IK 07 · LED INCL

Wandleuchte mit diffusem Lichtaustritt und festem Kopf. Inklusive LED-Lichtquelle. Integrierte Spannungsversorgung 220-240 V ON/OFF oder dimmbar 1-10 V / DALI. Schnellanschluss innerhalb der Rosette mit elektrischem Plug&Play-Anschluss und IP68-Stecker inklusive. Inklusive Befestigungshalterung. 110V-Version auf Anfrage.

Luminaire for wall-mounting with diffuse light emission and fixed head. LED light source included. Integrated 220-240V ON/OFF or 1-10V/DALI dimmable electrical power. Connection is quickly ensured in the rose with the plug & play electrical connection and the IP68 connector included. Clamp bracket included. 110V version upon request.

**CoB Led:** 9,5W -1055 lm ≠ FIXT 613 lm - 2700K/CRI>80 - 220-240V / 9,5W - 1133 lm ≠ FIXT 658 lm - 3000K/CRI>80 - 220-240V / 9,5W -1211 lm ≠ FIXT 703 lm - 4000K/CRI>80 - 220-240V

**2700K**

Non Dimmable
- F011W20A018.A
- F011W20A030.A
- F011W20A037.A
- F011W20A055.A
- F011W20A059.A

1-10V
- F011W20B018.A
- F011W20B030.A
- F011W20B037.A
- F011W20B055.A
- F011W20B059.A

Dali
- F011W20D018.A
- F011W20D030.A
- F011W20D037.A
- F011W20D055.A
- F011W20D059.A

**3000K**

Non Dimmable
- F011W30A018.A
- F011W30A030.A
- F011W30A037.A
- F011W30A055.A
- F011W30A059.A

1-10V
- F011W30B018.A
- F011W30B030.A
- F011W30B037.A
- F011W30B055.A
- F011W30B059.A

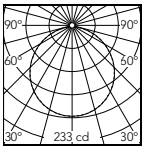
Dali
- F011W30D018.A
- F011W30D030.A
- F011W30D037.A
- F011W30D055.A
- F011W30D059.A

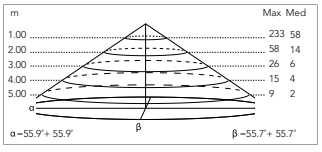
**4000K**

Non Dimmable
- F011W40A018.A
- F011W40A030.A
- F011W40A037.A
- F011W40A055.A
- F011W40A059.A

1-10V
- F011W40B018.A
- F011W40B030.A
- F011W40B037.A
- F011W40B055.A
- F011W40B059.A

Dali
- F011W40D018.A
- F011W40D030.A
- F011W40D037.A
- F011W40D055.A
- F011W40D059.A



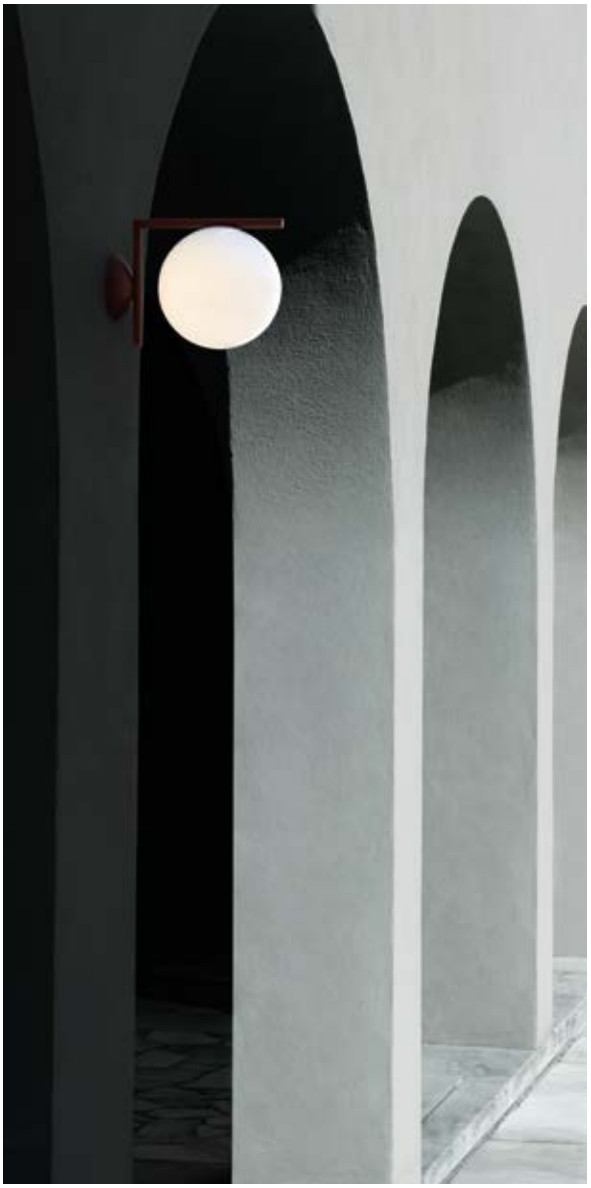




@3000K

# IC Light

Designed by Michael Anastassiades

IC Lights Floor



IC Lights Wall

IC Lights Floor

## Familie / Family

IC Wall / Ceiling

**Led**
Max 8W E14

**Led**
Max 15W E27

IC Floor

**Led**
Max 8W E14

**Led**
Max 15W E27

## Ausführungen / Colours

18 Deep Brown

30 Black

37 Burgundy Red

55 Brushed Stainless Steel

59 Brass Finish

## IC Floor Outdoor - Stone bases

30 Black/Black Lava

18 Deep Brown/Travertino Imperiale

37 Burgundy Red/Black Lava

55 Brushed Stainless Steel/ Occhio di Pernice

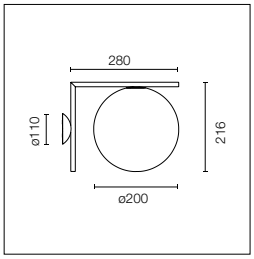
59 Brass Finish/Grey Lava

**Beschreibung / Description**

In zwei Größen erhältliche Wand-/Deckenleuchte mit diffusem Licht für den Außenbereich. Rahmen aus gebürstetem Edelstahl, in gebürsteter Messingausführung oder mattschwarz oder burgunderrot lackiert. Die tragenden Teile des Geräts werden einem chemischen Umwandlungsverfahren unterzogen, um eine wirksame Korrosionsbeständigkeit gegen Witterungseinflüsse zu gewährleisten. Bei der Montage und Wartung der Geräte ist besonders darauf zu achten, dass die Pulverbeschichtung nicht beschädigt wird.
Opaler Diffusor aus glänzendem, mundgeblasenem Milchglas. Das Gerät wird mit einer Dichtung für die IP-dichte Verbindung geliefert. Ohne Lichtquelle, Anschluss E14/E27.

Wall- or ceiling-mounted light fitting with diffuse light for exterior use available in two sizes. Frame in brushed stainless steel, brushed brass finish or painted opaque black or burgundy. The structure of the fitting is treated with a chemical conversion process for effective resistance to atmospheric agents. Special attention is recommended during installation and maintenance to prevent damage to the powder coating.
Opalescent diffuser in shiny white translucent blown glass. The light comes with seals for IP-rated connection. Light source with E14/E27 connection not included.

## IC Ceiling Wall 1 Outdoor



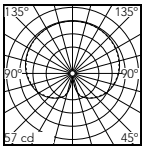

IP 65 · 2,2 Kg · IK 04

Ohne Lichtquelle. Optionale LED-Lampe ist separat zu bestellen. Wandbefestigung mit Verkabelungssystem. Dichte Kabelverschraubung im Lieferumfang enthalten.

Light source excluded. Optional LED bulb sold separately. Wall mounting system contains the wiring system. Watertight cable gland included.

**Led:** max 8W - E14 - 220-240V

- F012H00C018
- F012H00C030
- F012H00C037
- F012H00C055
- F012H00C059

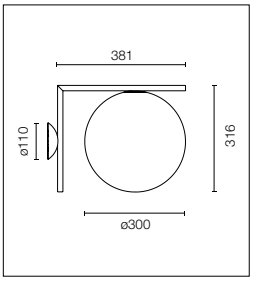



@3000K

### Zubehörteile / Accessories

1 x LED 8W E14 900lm 3000K cod. RF32291 [e] DIMMER
1 x LED 8W E14 900lm 2700K cod. RF32290 [e] DIMMER

## IC Ceiling Wall 2 Outdoor



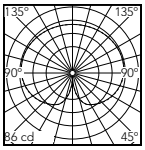

IP 65 · 3,8 Kg · IK 04

Ohne Lichtquelle. Optionale LED-Lampe ist separat zu bestellen. Wandbefestigung mit Verkabelungssystem. Dichte Kabelverschraubung im Lieferumfang enthalten.

Light source excluded. Optional LED bulb sold separately. Wall mounting system contains the wiring system. Watertight cable gland included.

**Led:** max 15W - E27 - 220-240V

- F012J00C018
- F012J00C030
- F012J00C037
- F012J00C055
- F012J00C059

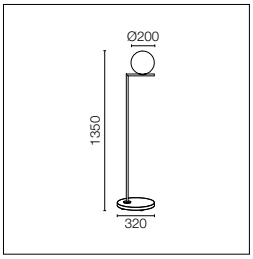



@3000K

### Zubehörteile / Accessories

1 x LED 15W E27 2000lm 2700K cod. RF32288 [e] DIMMER
1 x LED 15W E27 2000lm 3000K cod. RF32289 [e] DIMMER

## IC Floor 1 Outdoor



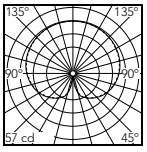

IK 04 | IP 65 | 5,0 Kg | A⁺→E

Lichtquelle nicht inbegriffen. Kabel (5 m lang und mit Schuko IP44-Stecker) für den Außenbereich geeignet. Der entlang des Kabels von hinten beleuchtete Dimmer-Pedalschalter (IP65) ermöglicht die ON/OFF-Funktionen sowie die Einstellung des Lichtstroms von 30-100 % (mit DIMMBAREM LED-Lämpchen).

Bulb not included. 5-m cable with Schuko IP44 plug suitable for outdoor use. Backlit floor dimmer switch on the IP65 cable enables ON/OFF function and brightness regulation 30-100% (with dimmable LED bulb).

**Led:** max 8W - E14 - 220-240V

- F012A01C018.A
- F012A02C030.A
- F012A02C037.A
- F012A04C055.A
- F012A03C059.A

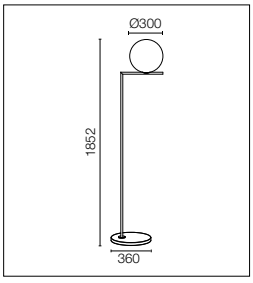



@3000K

### Zubehörteile / Accessories

1 x LED 8W E14 900lm 3000K cod. RF32291 [e] DIMMER
1 x LED 8W E14 900lm 2700K cod. RF32290 [e] DIMMER

## IC Floor 2 Outdoor



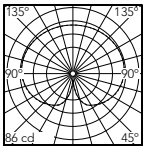

IK 04 | IP 65 | 10,0 Kg | A⁺→E

Lichtquelle nicht inbegriffen. Kabel (5 m lang und mit Schuko IP44-Stecker) für den Außenbereich geeignet. Der entlang des Kabels von hinten beleuchtete Dimmer-Pedalschalter (IP65) ermöglicht die ON/OFF-Funktionen sowie die Einstellung des Lichtstroms von 30-100 % (mit DIMMBAREM LED-Lämpchen).

Bulb not included. 5-m cable with Schuko IP44 plug suitable for outdoor use. Backlit floor dimmer switch on the IP65 cable enables ON/OFF function and brightness regulation 30-100% (with dimmable LED bulb).

**Led:** max 15W - E27 - 220-240V

- F012B01C018.A
- F012B02C030.A
- F012B02C037.A
- F012B04C055.A
- F012B03C059.A




@3000K

### Zubehörteile / Accessories

1 x LED 15W E27 2000lm 2700K cod. RF32288 [e] DIMMER
1 x LED 15W E27 2000lm 3000K cod. RF32289 [e] DIMMER

## Caule

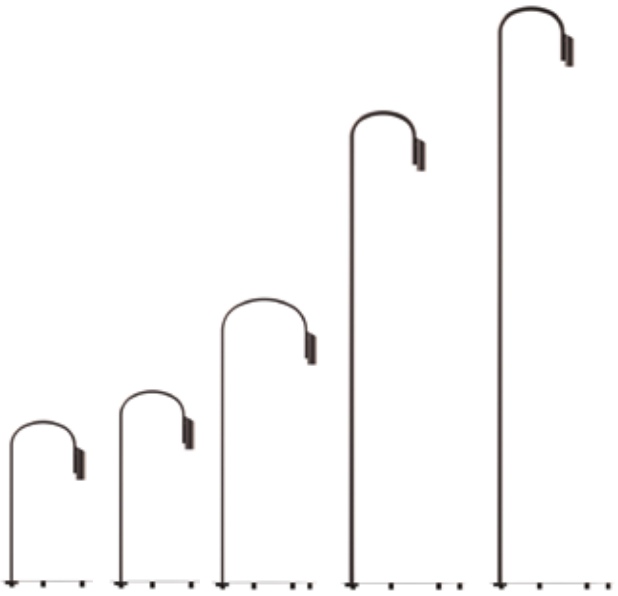
Designed by Patricia Urquiola

Caule Floor

Caule Bollard Nest

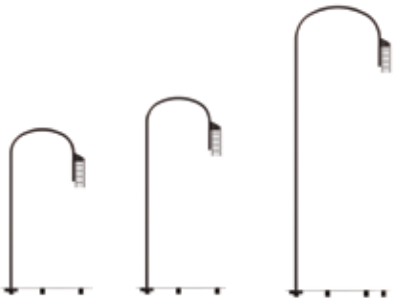
## Familie / Family

Caule Floor



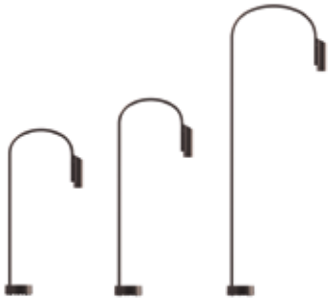
**Power Led**
10W
282 lm - 2700K/CRI 80
303 lm - 3000K/CRI 80
324 lm - 4000K/CRI 80

Caule Floor Nest



**Power Led**
10W
282 lm - 2700K/CRI 80
303 lm - 3000K/CRI 80
324 lm - 4000K/CRI 80

Caule Bollard



**Power Led**
10W
282 lm - 2700K/CRI 80
303 lm - 3000K/CRI 80
324 lm - 4000K/CRI 80

Caule Bollard Nest

**Power Led**
10W
282 lm - 2700K/CRI 80
303 lm - 3000K/CRI 80
324 lm - 4000K/CRI 80

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

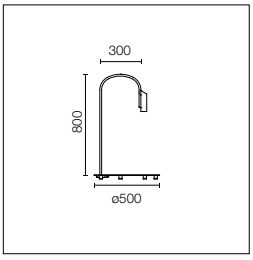
33 Anthracite

## Beschreibung / Description

Außenleuchten-Kollektion als mobile Bodenleuchte oder in Pfahlausführung, die jeweils in verschiedenen Höhen erhältlich sind.
Sie zeichnen sich durch das weiche und biegsame Design des Ständers und des Kopfes aus, die in zwei verschiedenen Modellen erhältlich sind: Monolith-Kopf für weiches direktes Licht oder Kopf mit Metallgeflecht-Nestabdeckung für diffuses und gezeichnetes Licht.
Für eine effiziente Witterungsbeständigkeit besteht die Struktur des Ständers aus Edelstahl AISI 304. Bei der mobilen Bodenleuchte besteht die Basis aus Edelstahl AISI 304 und bei der Pfahlausführung aus Aluminiumdruckguss. Der Kopf, in den die mitgelieferte LED-Quelle eingebaut ist, ist in einem Aluminiumdruck hergestellt. In der „Nest"-Version besteht die Metallgeflecht-Abdeckung aus Edelstahl AISI 316L.
Die tragenden Teile des Geräts werden einem chemischen Umwandlungsverfahren unterzogen, um eine wirksame Korrosionsbeständigkeit gegen Witterungseinflüsse zu erzielen.
Der Schutzschirm der Lichtquelle besteht aus sandgestrahltem Glas beim Monolith-Kopf und aus transparentem Methacrylat bei der „Nest"-Version.
Die Bodenleuchten-Version verfügt über ein für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker sowie einem hintergrundbeleuchteten Dimmer-Pedalschalter mit IP65-Schutzart, mit dem die Leuchte EIN-/AUS-geschaltet und der Lichtfluss eingestellt werden kann.
Die Pfahl-Version wird mit einem 200 mm-Ausgangskabelteil aus Neopren geliefert und kann auf jedem Untergrund montiert werden. Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, ist als Zubehör erhältlich und muss separat bestellt werden.

Collection of outdoor lighting units in a movable floor lamp version and a bollard version, both available in different heights.
The lamps are characterized by their soft, pliable stem. The lamp head is available in two different models: solid, for direct soft light, or with a 'nest' cover, a metallic mesh creating a unique wash of diffuse light.
The structure of the stem is made of AISI 304 stainless steel for effective resistance to atmospheric agents. The base of the movable floor version is made of AISI 304 stainless steel for and the bollard version is made of die-cast aluminium.
The lamp head, which holds the included LED light source, is made of moulded aluminium; the cover of the 'nest' version is made of a metallic mesh in AISI 316L stainless steel.
The structure is treated with a chemical conversion process for effective resistance to atmospheric agents.
The screen protecting the light source is made of sanded glass for the solid head and methacrylate for the 'nest' version.
The floor lamp version comes with 5 metres of cable appropriate for outdoor use with a Schuko IP44 and IP65 backlit pedal dimmer switch for easy ON/OFF and to adjust the amount of light.
The bollard version comes with a 200-mm length of neoprene cable and is ready for installation on any flooring.
Optional accessory (sold separately): box for installation on flooring laid over concrete.

## Caule Floor 1




IK 04 | IP 66 | 5,7 Kg | LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können.
110V Version auf Anfrage erhältlich.
Integrierter Dimmersteuerschalter (am Kabel)
Casambi Funktion auf Anfrage.

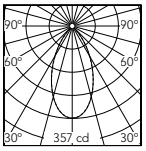
LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light.
110V version upon request.
Integrated dimmer control switch (on the cable)
Casambi function on demand.

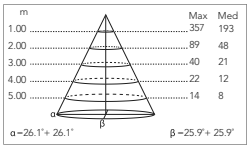
**Power Led:** 10W - 447 lm ≠ FIXT 282 lm - 2700K/CRI 80 - 220-240V / 10W - 480 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 10W - 513 lm ≠ FIXT 324 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F016M21K001.A
- ● F016M21K006.A
- ● F016M21K012.A
- ● F016M21K018.A
- ● F016M21K030.A
- ● F016M21K033.A

**3000K**
- ○ F016M31K001.A
- ● F016M31K006.A
- ● F016M31K012.A
- ● F016M31K018.A
- ● F016M31K030.A
- ● F016M31K033.A

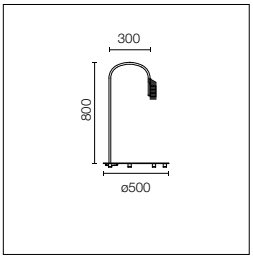
**4000K**
- ○ F016M41K001.A
- ● F016M41K006.A
- ● F016M41K012.A
- ● F016M41K018.A
- ● F016M41K030.A
- ● F016M41K033.A




@3000K

## Caule Floor 1 Nest




IK 04 | IP 65 | IP 66 | 5,7 Kg | LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können.
110V Version auf Anfrage erhältlich.
Integrierter Dimmersteuerschalter (am Kabel)
Casambi Funktion auf Anfrage.

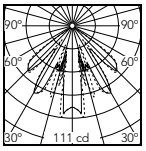
LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light.
110V version upon request.
Integrated dimmer control switch (on the cable)
Casambi function on demand.

**Power Led:** 10W - 447 lm ≠ FIXT 124 lm - 2700K/CRI 80 - 220-240V / 10W - 480 lm ≠ FIXT 137 lm - 3000K/CRI 80 - 220-240V / 10W - 513 lm ≠ FIXT 143 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F016N21K001.A
- ● F016N21K006.A
- ● F016N21K012.A
- ● F016N21K018.A
- ● F016N21K030.A
- ● F016N21K033.A

**3000K**
- ○ F016N31K001.A
- ● F016N31K006.A
- ● F016N31K012.A
- ● F016N31K018.A
- ● F016N31K030.A
- ● F016N31K033.A

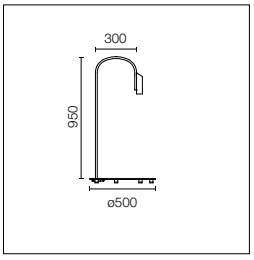
**4000K**
- ○ F016N41K001.A
- ● F016N41K006.A
- ● F016N41K012.A
- ● F016N41K018.A
- ● F016N41K030.A
- ● F016N41K033.A




| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 111 | 0.40 |
| 2 | 28 | 0.80 |
| 3 | 12 | 1.20 |
| 4 | 7 | 1.60 |
| 5 | 4 | 2.01 |

@3000K

## Caule Floor 2




IK 04 | IP 66 | 5,8 Kg | LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können.
110V Version auf Anfrage erhältlich.
Integrierter Dimmersteuerschalter (am Kabel)
Casambi Funktion auf Anfrage.

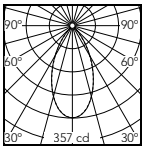
LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light.
110V version upon request.
Integrated dimmer control switch (on the cable)
Casambi function on demand.

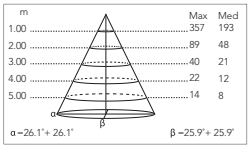
**Power Led:** 10W - 447 lm ≠ FIXT 282 lm - 2700K/CRI 80 - 220-240V / 10W - 480 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 10W - 513 lm ≠ FIXT 324 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F016M22K001.A
- ● F016M22K006.A
- ● F016M22K012.A
- ● F016M22K018.A
- ● F016M22K030.A
- ● F016M22K033.A

**3000K**
- ○ F016M32K001.A
- ● F016M32K006.A
- ● F016M32K012.A
- ● F016M32K018.A
- ● F016M32K030.A
- ● F016M32K033.A

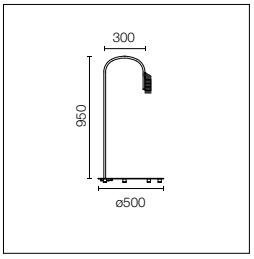
**4000K**
- ○ F016M42K001.A
- ● F016M42K006.A
- ● F016M42K012.A
- ● F016M42K018.A
- ● F016M42K030.A
- ● F016M42K033.A




@3000K

## Caule Floor 2 Nest




IK 04 | IP 65 | IP 66 | 5,8 Kg | LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können.
110V Version auf Anfrage erhältlich.
Integrierter Dimmersteuerschalter (am Kabel)
Casambi Funktion auf Anfrage.

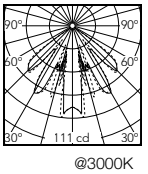
LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light.
110V version upon request.
Integrated dimmer control switch (on the cable)
Casambi function on demand.

**Power Led:** 10W - 447 lm ≠ FIXT 124 lm - 2700K/CRI 80 - 220-240V / 10W - 480 lm ≠ FIXT 137 lm - 3000K/CRI 80 - 220-240V / 10W - 513 lm ≠ FIXT 143 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F016N22K001.A
- ● F016N22K006.A
- ● F016N22K012.A
- ● F016N22K018.A
- ● F016N22K030.A
- ● F016N22K033.A

**3000K**
- ○ F016N32K001.A
- ● F016N32K006.A
- ● F016N32K012.A
- ● F016N32K018.A
- ● F016N32K030.A
- ● F016N32K033.A

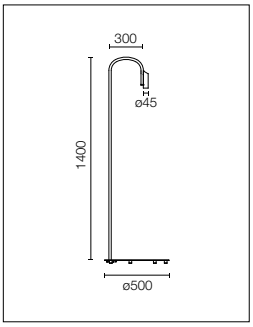
**4000K**
- ○ F016N42K001.A
- ● F016N42K006.A
- ● F016N42K012.A
- ● F016N42K018.A
- ● F016N42K030.A
- ● F016N42K033.A




| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 111 | 0.40 |
| 2 | 28 | 0.80 |
| 3 | 12 | 1.20 |
| 4 | 7 | 1.60 |
| 5 | 4 | 2.01 |

@3000K

## Caule Floor 3




IK 04 | IP 66 | 6 Kg | LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können.
110V Version auf Anfrage erhältlich.
Integrierter Dimmersteuerschalter (am Kabel)
Casambi Funktion auf Anfrage.

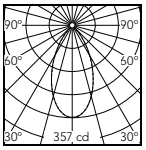
LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light.
110V version upon request.
Integrated dimmer control switch (on the cable)
Casambi function on demand.

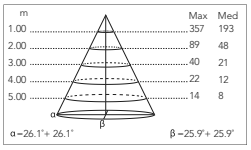
**Power Led:** 10W - 447 lm ≠ FIXT 282 lm - 2700K/CRI 80 - 220-240V / 10W - 480 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 10W - 513 lm ≠ FIXT 324 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F016M23K001.A
- ● F016M23K006.A
- ● F016M23K012.A
- ● F016M23K018.A
- ● F016M23K030.A
- ● F016M23K033.A

**3000K**
- ○ F016M33K001.A
- ● F016M33K006.A
- ● F016M33K012.A
- ● F016M33K018.A
- ● F016M33K030.A
- ● F016M33K033.A

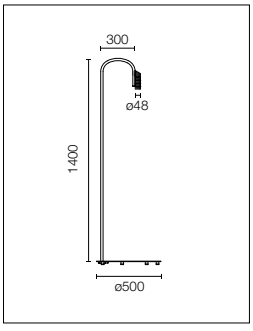
**4000K**
- ○ F016M43K001.A
- ● F016M43K006.A
- ● F016M43K012.A
- ● F016M43K018.A
- ● F016M43K030.A
- ● F016M43K033.A




@3000K

## Caule Floor 3 Nest




IK 04 | IP 65 | IP 66 | 6 Kg | LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können.
110V Version auf Anfrage erhältlich.
Integrierter Dimmersteuerschalter (am Kabel)
Casambi Funktion auf Anfrage.

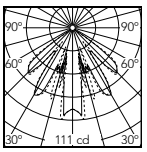
LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light.
110V version upon request.
Integrated dimmer control switch (on the cable)
Casambi function on demand.

**Power Led:** 10W - 447 lm ≠ FIXT 124 lm - 2700K/CRI 80 - 220-240V / 10W - 480 lm ≠ FIXT 137 lm - 3000K/CRI 80 - 220-240V / 10W - 513 lm ≠ FIXT 143 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F016N23K001.A
- ● F016N23K006.A
- ● F016N23K012.A
- ● F016N23K018.A
- ● F016N23K030.A
- ● F016N23K033.A

**3000K**
- ○ F016N33K001.A
- ● F016N33K006.A
- ● F016N33K012.A
- ● F016N33K018.A
- ● F016N33K030.A
- ● F016N33K033.A

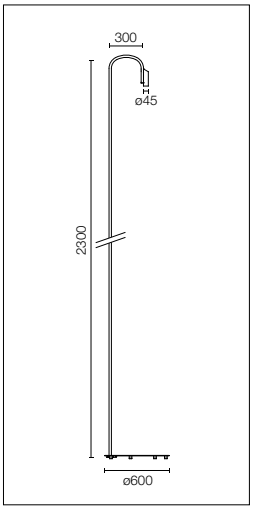
**4000K**
- ○ F016N43K001.A
- ● F016N43K006.A
- ● F016N43K012.A
- ● F016N43K018.A
- ● F016N43K030.A
- ● F016N43K033.A




| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 111 | 0.40 |
| 2 | 28 | 0.80 |
| 3 | 12 | 1.20 |
| 4 | 7 | 1.60 |
| 5 | 4 | 2.01 |

@3000K

## Caule Floor 4




IK 04 | IP 66 | 6,8 Kg | LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können. 110V Version auf Anfrage erhältlich. Integrierter Dimmersteuerschalter (am Kabel) Casambi Funktion auf Anfrage.

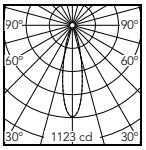
LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light. 110V version upon request. Integrated dimmer control switch (on the cable) Casambi function on demand.

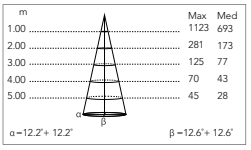
**Power Led:** 10W - 447 lm ≠ FIXT 245 lm - 2700K/CRI 80 - 220-240V / 10W - 480 lm ≠ FIXT 263 lm - 3000K/CRI 80 - 220-240V / 10W - 513 lm ≠ FIXT 281 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F016M24K001.A
- ● F016M24K006.A
- ● F016M24K012.A
- ● F016M24K018.A
- ● F016M24K030.A
- ● F016M24K033.A

**3000K**
- ○ F016M34K001.A
- ● F016M34K006.A
- ● F016M34K012.A
- ● F016M34K018.A
- ● F016M34K030.A
- ● F016M34K033.A

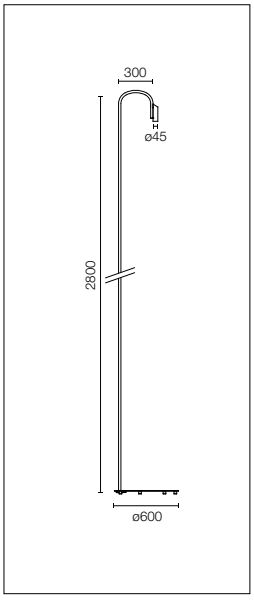
**4000K**
- ○ F016M44K001.A
- ● F016M44K006.A
- ● F016M44K012.A
- ● F016M44K018.A
- ● F016M44K030.A
- ● F016M44K033.A




@3000K

## Caule Floor 5




IK 04 | IP 65 | IP 66 | 7,2 Kg | LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes Netzteil, 220-240 V, 50-60 Hz. Für den Außenbereich geeignetes Kabel mit einer Länge von 5 Metern und einem IP44-Schukostecker. Hintergrundbeleuchteter Dimmer-Pedalschalter mit IP65-Schutzart entlang des Kabels, mit dem die Lampe EIN/AUS-geschaltet und der Lichtfluss eingestellt werden können. 110V Version auf Anfrage erhältlich. Integrierter Dimmersteuerschalter (am Kabel) Casambi Funktion auf Anfrage.

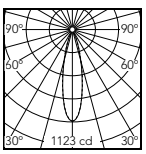
LED light source included. Integrated 220-240V 50-60 Hz electrical power. Cable suitable for outdoors, 5-m long with Schuko IP44 plug. IP65 backlit pedal dimmer switch on the cable for easy ON/OFF and to adjust the amount of light. 110V version upon request. Integrated dimmer control switch (on the cable) Casambi function on demand.

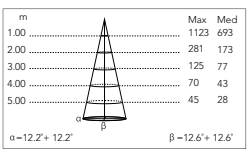
**Power Led:** 10W - 447 lm ≠ FIXT 245 lm - 2700K/CRI 80 - 220-240V / 10W - 480 lm ≠ FIXT 263 lm - 3000K/CRI 80 - 220-240V / 10W - 513 lm ≠ FIXT 281 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F016M25K001.A
- ● F016M25K006.A
- ● F016M25K012.A
- ● F016M25K018.A
- ● F016M25K030.A
- ● F016M25K033.A

**3000K**
- ○ F016M35K001.A
- ● F016M35K006.A
- ● F016M35K012.A
- ● F016M35K018.A
- ● F016M35K030.A
- ● F016M35K033.A

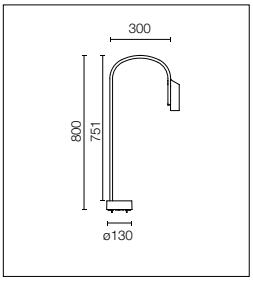
**4000K**
- ○ F016M45K001.A
- ● F016M45K006.A
- ● F016M45K012.A
- ● F016M45K018.A
- ● F016M45K030.A
- ● F016M45K033.A

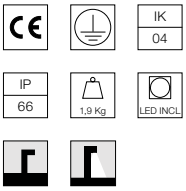



@3000K

## Caule Bollard 1




LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240-V-Netzteil zum Ein-/ Ausschalten und Dimmen.
Das Gerät kann mit Dübeln auf jedem Boden installiert werden.
Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.
110V Version auf Anfrage erhältlich.

LED light source included. Integrated 220-240V ON/OFF or dimmable electrical power. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately.
110V version upon request.

**Power Led:** 5W - 447 lm ≠ FIXT 282 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 324 lm - 4000K/CRI 80 - 220-240V

**2700K**
Non Dimmable
- ○ F016A21A001
- ● F016A21A006
- ● F016A21A012
- ● F016A21A018
- ● F016A21A030
- ● F016A21A033

1-10V
- ○ F016A21B001
- ● F016A21B006
- ● F016A21B012
- ● F016A21B018
- ● F016A21B030
- ● F016A21B033

Dali
- ○ F016A21D001
- ● F016A21D006
- ● F016A21D012
- ● F016A21D018
- ● F016A21D030
- ● F016A21D033

**3000K**
Non Dimmable
- ○ F016A31A001
- ● F016A31A006
- ● F016A31A012
- ● F016A31A018
- ● F016A31A030
- ● F016A31A033

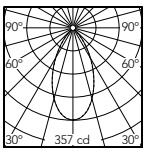
1-10V
- ○ F016A31B001
- ● F016A31B006
- ● F016A31B012
- ● F016A31B018
- ● F016A31B030
- ● F016A31B033

Dali
- ○ F016A31D001
- ● F016A31D006
- ● F016A31D012
- ● F016A31D018
- ● F016A31D030
- ● F016A31D033

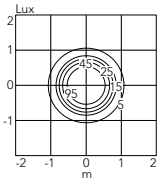
**4000K**
Non Dimmable
- ○ F016A41A001
- ● F016A41A006
- ● F016A41A012
- ● F016A41A018
- ● F016A41A030
- ● F016A41A033

1-10V
- ○ F016A41B001
- ● F016A41B006
- ● F016A41B012
- ● F016A41B018
- ● F016A41B030
- ● F016A41B033

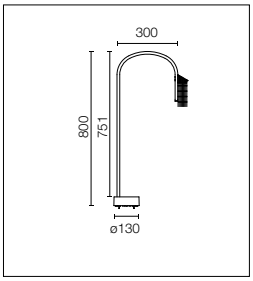
Dali
- ○ F016A41D001
- ● F016A41D006
- ● F016A41D012
- ● F016A41D018
- ● F016A41D030
- ● F016A41D033



@3000K



## Caule Bollard 1 Nest




IP 66 | IK 04 | 1,9 Kg | LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240-V-Netzteil zum Ein-/ Ausschalten und Dimmen.
Das Gerät kann mit Dübeln auf jedem Boden installiert werden.
Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.
110V Version auf Anfrage erhältlich.

LED light source included. Integrated 220-240V ON/OFF or dimmable electrical power. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately.
110V version upon request.

**Power Led:** 5W - 447 lm ≠ FIXT 124 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 137 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 143 lm - 4000K/CRI 80 - 220-240V

**2700K**
Non Dimmable
- F016B21A001
- F016B21A006
- F016B21A012
- F016B21A018
- F016B21A030
- F016B21A033

1-10V
- F016B21B001
- F016B21B006
- F016B21B012
- F016B21B018
- F016B21B030
- F016B21B033

Dali
- F016B21D001
- F016B21D006
- F016B21D012
- F016B21D018
- F016B21D030
- F016B21D033

**3000K**
Non Dimmable
- F016B31A001
- F016B31A006
- F016B31A012
- F016B31A018
- F016B31A030
- F016B31A033

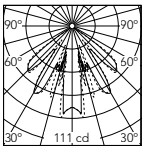
1-10V
- F016B31B001
- F016B31B006
- F016B31B012
- F016B31B018
- F016B31B030
- F016B31B033

Dali
- F016B31D001
- F016B31D006
- F016B31D012
- F016B31D018
- F016B31D030
- F016B31D033

**4000K**
Non Dimmable
- F016B41A001
- F016B41A006
- F016B41A012
- F016B41A018
- F016B41A030
- F016B41A033

1-10V
- F016B41B001
- F016B41B006
- F016B41B012
- F016B41B018
- F016B41B030
- F016B41B033

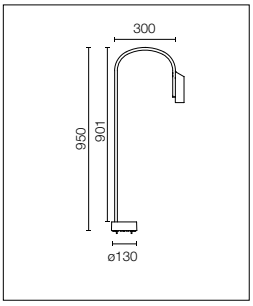
Dali
- F016B41D001
- F016B41D006
- F016B41D012
- F016B41D018
- F016B41D030
- F016B41D033




@3000K

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 111 | 0.40 |
| 2 | 28 | 0.80 |
| 3 | 12 | 1.20 |
| 4 | 7 | 1.60 |
| 5 | 4 | 2.01 |

## Caule Bollard 2




IP 66 · IK 04 · 2 Kg · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240-V-Netzteil zum Ein-/Ausschalten und Dimmen. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.
110V Version auf Anfrage erhältlich.

LED light source included. Integrated 220-240V ON/OFF or dimmable electrical power. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately.
110V version upon request.

**Power Led:** 5W - 447 lm ≠ FIXT 282 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 324 lm - 4000K/CRI 80 - 220-240V

**2700K**
Non Dimmable
- F016A22A001
- F016A22A006
- F016A22A012
- F016A22A018
- F016A22A030
- F016A22A033

1-10V
- F016A22B001
- F016A22B006
- F016A22B012
- F016A22B018
- F016A22B030
- F016A22B033

Dali
- F016A22D001
- F016A22D006
- F016A22D012
- F016A22D018
- F016A22D030
- F016A22D033

**3000K**
Non Dimmable
- F016A32A001
- F016A32A006
- F016A32A012
- F016A32A018
- F016A32A030
- F016A32A033

1-10V
- F016A32B001
- F016A32B006
- F016A32B012
- F016A32B018
- F016A32B030
- F016A32B033

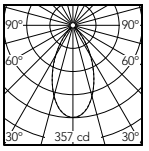
Dali
- F016A32D001
- F016A32D006
- F016A32D012
- F016A32D018
- F016A32D030
- F016A32D033

**4000K**
Non Dimmable
- F016A42A001
- F016A42A006
- F016A42A012
- F016A42A018
- F016A42A030
- F016A42A033

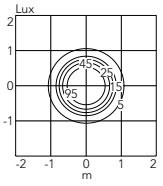
1-10V
- F016A42B001
- F016A42B006
- F016A42B012
- F016A42B018
- F016A42B030
- F016A42B033

Dali
- F016A42D001
- F016A42D006
- F016A42D012
- F016A42D018
- F016A42D030
- F016A42D033

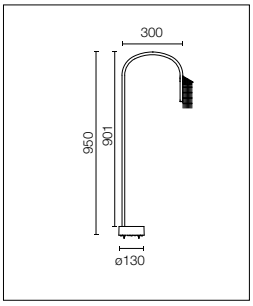
FLOOD



@3000K



## Caule Bollard 2 Nest




IP 66 | IK 04 | 1,9 Kg | LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240-V-Netzteil zum Ein-/ Ausschalten und Dimmen. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.
110V Version auf Anfrage erhältlich.

LED light source included. Integrated 220-240V ON/OFF or dimmable electrical power. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately.
110V version upon request.

**Power Led:** 5W - 447 lm ≠ FIXT 124 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 137 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 143 lm - 4000K/CRI 80 - 220-240V

**2700K**
Non Dimmable
- ○ F016B22A001
- ● F016B22A006
- ● F016B22A012
- ● F016B22A018
- ● F016B22A030
- ● F016B22A033

1-10V
- ○ F016B22B001
- ● F016B22B006
- ● F016B22B012
- ● F016B22B018
- ● F016B22B030
- ● F016B22B033

Dali
- ○ F016B22D001
- ● F016B22D006
- ● F016B22D012
- ● F016B22D018
- ● F016B22D030
- ● F016B22D033

**3000K**
Non Dimmable
- ○ F016B32A001
- ● F016B32A006
- ● F016B32A012
- ● F016B32A018
- ● F016B32A030
- ● F016B32A033

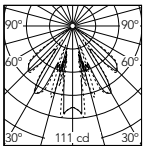
1-10V
- ○ F016B32B001
- ● F016B32B006
- ● F016B32B012
- ● F016B32B018
- ● F016B32B030
- ● F016B32B033

Dali
- ○ F016B32D001
- ● F016B32D006
- ● F016B32D012
- ● F016B32D018
- ● F016B32D030
- ● F016B32D033

**4000K**
Non Dimmable
- ○ F016B42A001
- ● F016B42A006
- ● F016B42A012
- ● F016B42A018
- ● F016B42A030
- ● F016B42A033

1-10V
- ○ F016B42B001
- ● F016B42B006
- ● F016B42B012
- ● F016B42B018
- ● F016B42B030
- ● F016B42B033

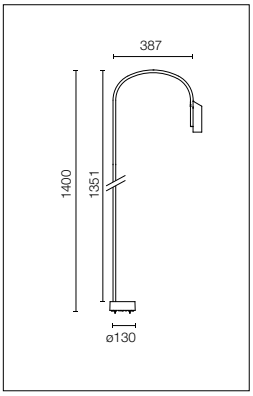
Dali
- ○ F016B42D001
- ● F016B42D006
- ● F016B42D012
- ● F016B42D018
- ● F016B42D030
- ● F016B42D033




@3000K

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 111 | 0.40 |
| 2 | 28 | 0.80 |
| 3 | 12 | 1.20 |
| 4 | 7 | 1.60 |
| 5 | 4 | 2.01 |

## Caule Bollard 3




IK 04 | IP 66 | 2,2 Kg | LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240-V-Netzteil zum Ein-/ Ausschalten und Dimmen. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden. 110V Version auf Anfrage erhältlich.

LED light source included. Integrated 220-240V ON/OFF or dimmable electrical power. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately. 110V version upon request.

**Power Led:** 5W - 447 lm ≠ FIXT 282 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 303 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 324 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ F016A23A001
- ● F016A23A006
- ● F016A23A012
- ● F016A23A018
- ● F016A23A030
- ● F016A23A033

1-10V
- ○ F016A23B001
- ● F016A23B006
- ● F016A23B012
- ● F016A23B018
- ● F016A23B030
- ● F016A23B033

Dali
- ○ F016A23D001
- ● F016A23D006
- ● F016A23D012
- ● F016A23D018
- ● F016A23D030
- ● F016A23D033

**3000K**

Non Dimmable
- ○ F016A33A001
- ● F016A33A006
- ● F016A33A012
- ● F016A33A018
- ● F016A33A030
- ● F016A33A033

1-10V
- ○ F016A33B001
- ● F016A33B006
- ● F016A33B012
- ● F016A33B018
- ● F016A33B030
- ● F016A33B033

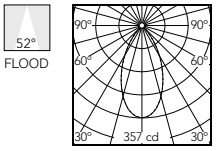
Dali
- ○ F016A33D001
- ● F016A33D006
- ● F016A33D012
- ● F016A33D018
- ● F016A33D030
- ● F016A33D033

**4000K**

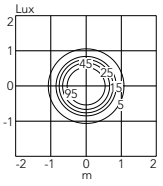
Non Dimmable
- ○ F016A43A001
- ● F016A43A006
- ● F016A43A012
- ● F016A43A018
- ● F016A43A030
- ● F016A43A033

1-10V
- ○ F016A43B001
- ● F016A43B006
- ● F016A43B012
- ● F016A43B018
- ● F016A43B030
- ● F016A43B033

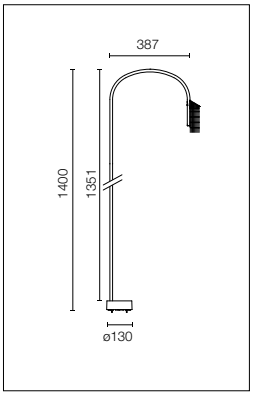
Dali
- ○ F016A43D001
- ● F016A43D006
- ● F016A43D012
- ● F016A43D018
- ● F016A43D030
- ● F016A43D033




@3000K



## Caule Bollard 3 Nest




IP 66 · 2,2 Kg · IK 04 · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Integriertes 220-240-V-Netzteil zum Ein-/ Ausschalten und Dimmen. Das Gerät kann mit Dübeln auf jedem Boden installiert werden. Das Einbaugehäuse für die Installation auf einem Boden, auf dem eine Bodenplatte verlegt werden soll, muss separat bestellt werden.
110V Version auf Anfrage erhältlich.

LED light source included. Integrated 220-240V ON/OFF or dimmable electrical power. The device may be installed on any flooring with anchors. Box for installation on flooring laid over concrete sold separately.
110V version upon request.

**Power Led:** 5W - 447 lm ≠ FIXT 124 lm - 2700K/CRI 80 - 220-240V / 5W - 480 lm ≠ FIXT 137 lm - 3000K/CRI 80 - 220-240V / 5W - 513 lm ≠ FIXT 143 lm - 4000K/CRI 80 - 220-240V

**2700K**
Non Dimmable
- ○ F016B23A001
- ● F016B23A006
- ● F016B23A012
- ● F016B23A018
- ● F016B23A030
- ● F016B23A033

1-10V
- ○ F016B23B001
- ● F016B23B006
- ● F016B23B012
- ● F016B23B018
- ● F016B23B030
- ● F016B23B033

Dali
- ○ F016B23D001
- ● F016B23D006
- ● F016B23D012
- ● F016B23D018
- ● F016B23D030
- ● F016B23D033

**3000K**
Non Dimmable
- ○ F016B33A001
- ● F016B33A006
- ● F016B33A012
- ● F016B33A018
- ● F016B33A030
- ● F016B33A033

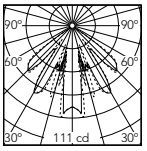
1-10V
- ○ F016B33B001
- ● F016B33B006
- ● F016B33B012
- ● F016B33B018
- ● F016B33B030
- ● F016B33B033

Dali
- ○ F016B33D001
- ● F016B33D006
- ● F016B33D012
- ● F016B33D018
- ● F016B33D030
- ● F016B33D033

**4000K**
Non Dimmable
- ○ F016B43A001
- ● F016B43A006
- ● F016B43A012
- ● F016B43A018
- ● F016B43A030
- ● F016B43A033

1-10V
- ○ F016B43B001
- ● F016B43B006
- ● F016B43B012
- ● F016B43B018
- ● F016B43B030
- ● F016B43B033

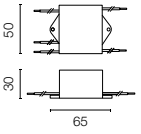
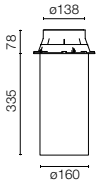
Dali
- ○ F016B43D001
- ● F016B43D006
- ● F016B43D012
- ● F016B43D018
- ● F016B43D030
- ● F016B43D033




@3000K

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 111 | 0.40 |
| 2 | 28 | 0.80 |
| 3 | 12 | 1.20 |
| 4 | 7 | 1.60 |
| 5 | 4 | 2.01 |

## Caule: Zubehörteile / Accessories

| | | | |
|---|---|---|---|
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |   |
| Einbaugehäuse für Bodenmontage. | Box for ground installation. | F016Z000000 |   |

# Flauta

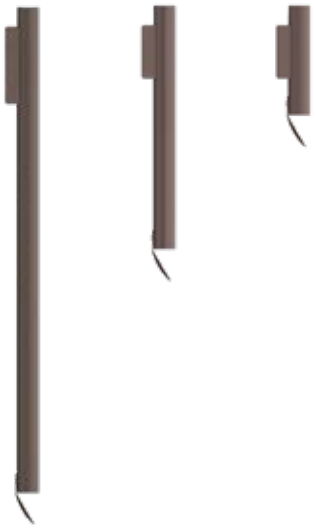
Designed by Patricia Urquiola

Flauta Spiga 3

Flauta Spiga 1

## Familie / Family

Flauta Riga



**Power Led**
12W
2x347 lm - 2700K/CRI 80
2x372 lm - 3000K/CRI 80
2x398 lm - 4000K/CRI 80

Flauta Spiga

**Power Led**
12W
2x347 lm - 2700K/CRI 80
2x372 lm - 3000K/CRI 80
2x398 lm - 4000K/CRI 80

## Ausführungen / Colours

01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

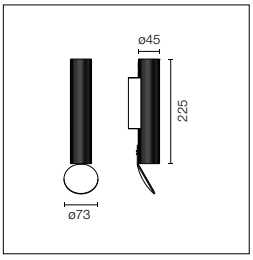
33 Anthracite

## Beschreibung / Description

Wandleuchtenkollektion für den Außenbereich mit zweifacher Lichtemission; in drei verschiedenen Längen verfügbar.
Die Produkte zeichnen sich durch die Oberflächengravur aus, die in zwei raffinierten Varianten verfügbar ist: Flauta Riga, mit vertikalen Gravuren, und Flauta Spiga, gekennzeichnet durch ein elegantes und ausgeklügeltes Schrägmuster.
Ein Abweiser als Lampenzubehör, der in Übereinstimmung mit der Oberfläche des Lampenkörpers lackiert ist, kann nach Belieben auf dem oberen oder unteren Kopf installiert werden, um eine dekorative Wirkung des reflektierten Lichts zu erzielen.
Die tragenden Teile des Geräts bestehen aus Aluminium, das einem chemischen Umwandlungsverfahren unterzogen wird, sodass sie gegen atmosphärische Einflüsse beständig sind. Der pulverlackierte Körper ist in verschiedenen Ausführungen gemäß dem QUALICOAT-Standard verfügbar. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverendschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und korrosiven Witterungseinflüssen sicher. Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer Behandlung zur chemischen Konversion unterzogen, um den Oxidationsschutz zu gewährleisten.
Diffusor aus silikonisiertem, transparentem Glas zur Gewährleistung der Undurchlässigkeit.
Integrierte LED-Lichtquelle. Im Gerätekörper integrierter Driver für die Regelung des DALI-Dimmers.

Collection of outdoor wall-mounted light fittings with dual light emission, available in various lengths.
The units are characterised by the surface etching in two refined variations: Flauta Riga, with vertical lines, and Flauta Spiga, characterized by an elegant and sophisticated angular pattern.
Rounding out the device is a deflector accessory painted to match the finish of the lamp body. It can be installed as desired on the upper or lower head to create a decorative effect with reflected light.
The structure is made of aluminium treated with a chemical conversion process for effective resistance to atmospheric agents. The powder coating of the body is available in various finishes according to the QUALICOAT standard. The first layer of epoxy powder confers chemical and mechanical resistance. The second layer, a polyester powder finish, ensures resistance to UV rays and corrosive atmospheric agents. The painted surfaces are treated with alkiline and acid washes, rinsed with demineralised water, and subjected to chemical conversion treatment to protect against rust.
Diffuser in transparent glass, sealed to guarantee water resistance.
Integrated LED light source. Driver integrated in the body of the unit for DALI dimmer control.

## Flauta Riga 1




IK 04 | IP 65 | 0,6 Kg | LED INCL

LED-Lichtquelle inbegriffen.
Integriertes dimmbares DALI-Netzteil (220-240 V).
Mit optionalem Abweiser zur Montage auf dem oberen oder unteren Emissionskopf.
110 V-Version auf Anfrage verfügbar.

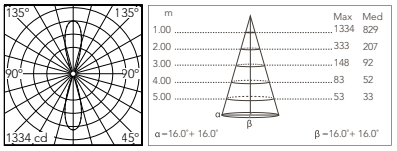
LED light source included.
Integrated 220-240V electrical power with DALI dimmer.
Comes with deflector for optional installation on the upper or lower head.
110V version available by request.

**Power Led:** 12W - 2x555 lm ≠ FIXT 2x347 lm - 2700K/CRI 80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x372 lm - 3000K/CRI 80 - 220-240V / 12W - 2x638 lm ≠ FIXT 2x398 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F019A21D001
- ● F019A21D006
- ● F019A21D012
- ● F019A21D018
- ● F019A21D030
- ● F019A21D033

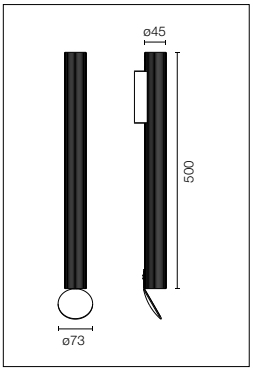
**3000K**
- ○ F019A31D001
- ● F019A31D006
- ● F019A31D012
- ● F019A31D018
- ● F019A31D030
- ● F019A31D033

**4000K**
- ○ F019A41D001
- ● F019A41D006
- ● F019A41D012
- ● F019A41D018
- ● F019A41D030
- ● F019A41D033




@3000K

## Flauta Riga 2




IK 04 | IP 65 | 1,4 Kg | LED INCL

LED-Lichtquelle inbegriffen.
Integriertes dimmbares DALI-Netzteil (220-240 V).
Mit optionalem Abweiser zur Montage auf dem oberen oder unteren Emissionskopf.
110 V-Version auf Anfrage verfügbar.

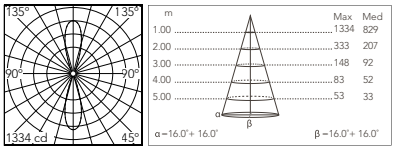
LED light source included.
Integrated 220-240V electrical power with DALI dimmer.
Comes with deflector for optional installation on the upper or lower head.
110V version available by request.

**Power Led:** 12W - 2x555 lm ≠ FIXT 2x347 lm - 2700K/CRI 80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x372 lm - 3000K/CRI 80 - 220-240V / 12W - 2x638 lm ≠ FIXT 2x398 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F019A22D001
- ● F019A22D006
- ● F019A22D012
- ● F019A22D018
- ● F019A22D030
- ● F019A22D033

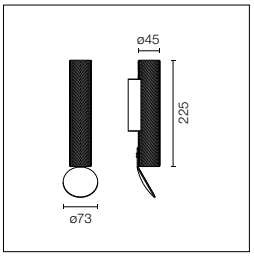
**3000K**
- ○ F019A32D001
- ● F019A32D006
- ● F019A32D012
- ● F019A32D018
- ● F019A32D030
- ● F019A32D033

**4000K**
- ○ F019A42D001
- ● F019A42D006
- ● F019A42D012
- ● F019A42D018
- ● F019A42D030
- ● F019A42D033




@3000K

## Flauta Spiga 1




IP 65 | 0,6 Kg | IK 04 | LED INCL

LED-Lichtquelle inbegriffen.
Integriertes dimmbares DALI-Netzteil (220-240 V).
Mit optionalem Abweiser zur Montage auf dem oberen oder unteren Emissionskopf.
110 V-Version auf Anfrage verfügbar.

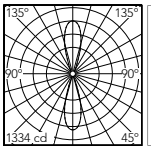
LED light source included.
Integrated 220-240V electrical power with DALI dimmer.
Comes with deflector for optional installation on the upper or lower head.
110V version available by request.

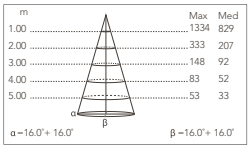
**Power Led:** 12W - 2x555 lm ≠ FIXT 2x347 lm - 2700K/CRI 80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x372 lm - 3000K/CRI 80 - 220-240V / 12W - 2x638 lm ≠ FIXT 2x398 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F019B21D001
- ● F019B21D006
- ● F019B21D012
- ● F019B21D018
- ● F019B21D030
- ● F019B21D033

**3000K**
- ○ F019B31D001
- ● F019B31D006
- ● F019B31D012
- ● F019B31D018
- ● F019B31D030
- ● F019B31D033

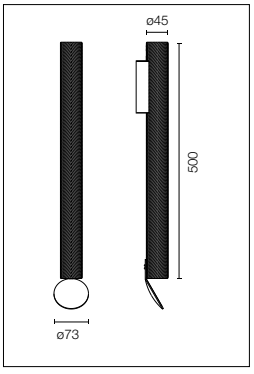
**4000K**
- ○ F019B41D001
- ● F019B41D006
- ● F019B41D012
- ● F019B41D018
- ● F019B41D030
- ● F019B41D033




@3000K

## Flauta Spiga 2




IP 65 | 1,4 Kg | IK 04 | LED INCL

LED-Lichtquelle inbegriffen.
Integriertes dimmbares DALI-Netzteil (220-240 V).
Mit optionalem Abweiser zur Montage auf dem oberen oder unteren Emissionskopf.
110 V-Version auf Anfrage verfügbar.

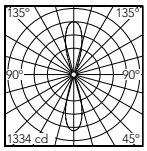
LED light source included.
Integrated 220-240V electrical power with DALI dimmer.
Comes with deflector for optional installation on the upper or lower head.
110V version available by request.

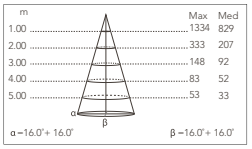
**Power Led:** 12W - 2x555 lm ≠ FIXT 2x347 lm - 2700K/CRI 80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x372 lm - 3000K/CRI 80 - 220-240V / 12W - 2x638 lm ≠ FIXT 2x398 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F019B22D001
- ● F019B22D006
- ● F019B22D012
- ● F019B22D018
- ● F019B22D030
- ● F019B22D033

**3000K**
- ○ F019B32D001
- ● F019B32D006
- ● F019B32D012
- ● F019B32D018
- ● F019B32D030
- ● F019B32D033

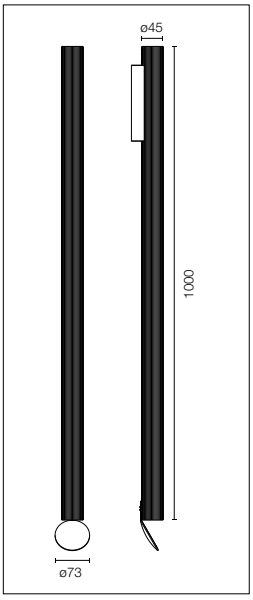
**4000K**
- ○ F019B42D001
- ● F019B42D006
- ● F019B42D012
- ● F019B42D018
- ● F019B42D030
- ● F019B42D033




@3000K

## Flauta Riga 3




IP 65 · 2,6 Kg · IK 04 · LED INCL

LED-Lichtquelle inbegriffen.
Integriertes dimmbares DALI-Netzteil (220-240 V).
Mit optionalem Abweiser zur Montage auf dem oberen oder unteren Emissionskopf.
110 V-Version auf Anfrage verfügbar.

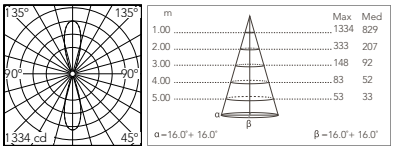
LED light source included.
Integrated 220-240V electrical power with DALI dimmer.
Comes with deflector for optional installation on the upper or lower head.
110V version available by request.

**Power Led:** 12W - 2x555 lm ≠ FIXT 2x347 lm - 2700K/CRI 80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x372 lm - 3000K/CRI 80 - 220-240V / 12W - 2x638 lm ≠ FIXT 2x398 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F019A23D001
- ● F019A23D006
- ● F019A23D012
- ● F019A23D018
- ● F019A23D030
- ● F019A23D033

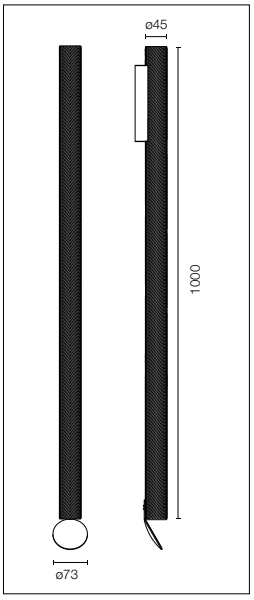
**3000K**
- ○ F019A33D001
- ● F019A33D006
- ● F019A33D012
- ● F019A33D018
- ● F019A33D030
- ● F019A33D033

**4000K**
- ○ F019A43D001
- ● F019A43D006
- ● F019A43D012
- ● F019A43D018
- ● F019A43D030
- ● F019A43D033




@3000K

## Flauta Spiga 3




IP 65 | IK 04 | 2,6 Kg | LED INCL

LED-Lichtquelle inbegriffen.
Integriertes dimmbares DALI-Netzteil (220-240 V).
Mit optionalem Abweiser zur Montage auf dem oberen oder unteren Emissionskopf.
110 V-Version auf Anfrage verfügbar.

LED light source included.
Integrated 220-240V electrical power with DALI dimmer.
Comes with deflector for optional installation on the upper or lower head.
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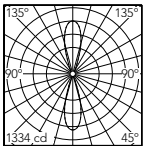
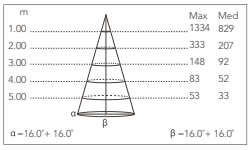
**Power Led:** 12W - 2x555 lm ≠ FIXT 2x347 lm - 2700K/CRI 80 - 220-240V / 12W - 2x597 lm ≠ FIXT 2x372 lm - 3000K/CRI 80 - 220-240V / 12W - 2x638 lm ≠ FIXT 2x398 lm - 4000K/CRI 80 - 220-240V

**2700K**
- ○ F019B23D001
- ● F019B23D006
- ● F019B23D012
- ● F019B23D018
- ● F019B23D030
- ● F019B23D033

**3000K**
- ○ F019B33D001
- ● F019B33D006
- ● F019B33D012
- ● F019B33D018
- ● F019B33D030
- ● F019B33D033

**4000K**
- ○ F019B43D001
- ● F019B43D006
- ● F019B43D012
- ● F019B43D018
- ● F019B43D030
- ● F019B43D033



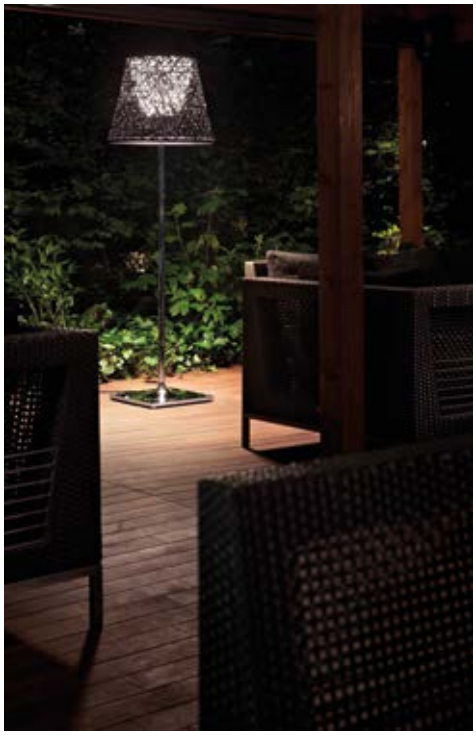

@3000K

# Lighting in the Rain

Designed by Philippe Starck

Superarchimoon

Romeo Suspension



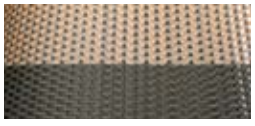
Romeo Floor

## Familie / Family

Lighting in the Rain

**HSGS E27**
250W
or
**Led**
21W
2450 lm - 3000K/CRI 80

## Ausführungen / Colours



22 Panama

41 Green Wall

**KTribe F3 Outdoor**
Bodenlampe für die Verwendung im Außenbereich, die diffuses Licht bietet. Basis und die Stabstütze bestehen aus druckgegossenem Aluminium. Die Strukturteile werden erfahren unterzogen, sodass sie gegen atmosphärische Einflüsse beständig sind. Chrom-Feinbearbeitung. Innendiffusor und Lampenfassung aus spritzgegossenem Polycarbonat. Außendiffusor aus farbig geflochtenem PVC-Rohr und Innenrahmen aus Polyester lackierten Aluminiumstangen. Gegengewicht aus mit Kataphoreseverfahren behandeltem Stahl, für einen wirksamen Wetterschutz. Abdeckung des Außendiffusors aus druckgegossenem, lackiertem Aluminium.

**Romeo C3 Outdoor**
Deckenhängeleuchte für den Außenbereich mit direktem und diffusem Licht. Außendiffusor aus farbig geflochtenem PVC-Rohr, Innenrahmen aus Polyester lackierten Aluminiumrohren Innendiffusor aus unter Vakuum thermogeformtem, opalem Polycarbonat, der vom Benutzer ohne die Verwendung von Werkzeugen für den Austausch der Lampe abgenommen werden kann. Diffusorstütze aus druckgegossener Aluminiumlegierung, eloxiert und grau flüssiglackiert. Deckenhalterung aus druckgegossener Aluminiumlegierung mit glänzender Feinbearbeitung.
Abdeckfenster aus spritzgegossenem Polycarbonat (PC). Ständer aus rostfreier Stahllegierung 316L – poliert. Um einen angemessenen Schutz gegen Wetterbedingungen zu gewährleisten, werden alle lackierten Teile mittels einem chemischen Umwandlungsverfahren einer Korrosionsschutzbehandlung unterzogen.

**Superarchimoon Outdoor**
Bodenleuchte für den Außenbereich mit direktem und diffusem Licht. Außendiffusor aus farbig geflochtenem PVC-Rohr. Innenrahmen aus Polyester lackierten Aluminiumrohren. Innendiffusor aus spritzgegossenem, opalem Polycarbonat. Die Strukturteile der Leuchte (Basisträger, Diffusorstützen, Arme, Gabeln, Hebel und Zugstangen) sind einem chemischen Umwandlungsverfahren unterzogen worden, um einen besseren Schutz gegen Wetterbedingungen zu gewährleisten. Grau lackierter Leuchtkörper. Federn und mechanische Hauptelemente bestehen ebenfalls aus spezifischen, witterungsbeständigen Materialien.
Die Leuchte hat keine ON/OFF Funktion und keine Lichtflussregelung aber sie verfügt über ein transparentes, bipolares 10 m langes Stromkabel. Ausserdem ist es mit einer Abzweigdose ausgerüstet, die für eine Verkabelung bei Anwendungen im Außenbereich geeignet ist.

Verwenden Sie ein Anschlusssystem mit einem Schutzgrad, der gleich oder höher als der Schutzgrad des Geräts ist.

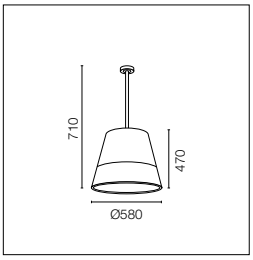
**KTribe F3 Outdoor**
Floor lamp emitting diffused light for outdoor use. Die-cast aluminum base and pole support. Chemical conversion treatment of the structural parts to enhance their resistance to atmospheric agents. Chrome finish. Injection-molded polycarbonate internal diffuser and bulb-holder. External diffuser made from braided colored PVC tubes and inner frame from polyester-painted aluminum tubes. Steel cataphoresis treated coun-terweight for effective weather resistance. Painted die-cast aluminum external diffuser cover.

**Romeo C3 Outdoor**
Suspension luminaire for outdoor use providing direct and diffused light. External diffuser obtained from braided colored PVC tubes, internal frame in polyester-painted aluminum tubes. Inner diffuser in opal-colored, vacuum-formed polycarbonate which is removable for bulb change without the use of tools. Diffuser support in anodized die-cast aluminum alloy, liquid grey painted. Die-cast aluminum alloy ceiling fitting with polished finish. Injection-molded polycarbonate (PC) cover rose. 316L stainless steel pole – polished.
In order to obtain good weather resistance, all the painted details have undergone a chemical conversion treatment for enhanced corrosion resistance.

**Superarchimoon Outdoor**
Floor lamp for outdoor use providing direct and dif-fused light. External diffuser obtained from braided colored PVC tubes, internal frame in polyester-painted aluminum tubular. Internal diffuser in injection-molded opal polycarbonate. The structural parts of the luminaire (base support, diffusers support, arms, brackets, levers and tie rods) have been treated with a chemical conversion for enhanced weather resistance. The body is painted in grey. Springs and main mechanical components are also made with special materials for good weather resistance.
The luminaire has no ON/OFF switch or luminous flux adjustment, but has a 10 mt transparent bipolar feeding cord. The luminaire also is equipped with a junction box suitable for outdoor applications.

We recommend using a connection system with a higher or equal protection degree than the one of the luminaire.

## Romeo Outdoor C3 Pvc 710 mm




IP 55

7,30 Kg

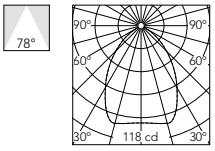
$A^+ \rightarrow E$

Ausgeschlossene Lichtquelle.

Light source not included.

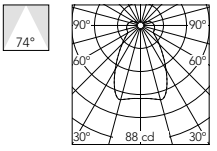
**HSGS E27**: 1x250W or **1 LED:** 21W - 2450 lm - 3000K

- F6468022
- F6468041




Panama

| Beam Angle: | | 78° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 118 | 1.63 |
| 2 | 30 | 3.26 |
| 3 | 13 | 4.89 |
| 4 | 7 | 6.53 |
| 5 | 5 | 8.16 |



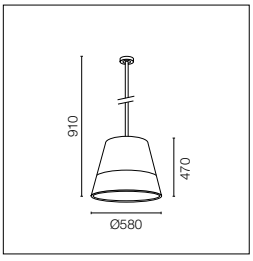

Green Wall

| Beam Angle: | | 74° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 88 | 1.50 |
| 2 | 22 | 3.01 |
| 3 | 10 | 4.51 |
| 4 | 6 | 6.02 |
| 5 | 4 | 7.52 |

### Zubehörteile / Accessories

1 x LED 21W E27 2450lm 3000K cod. RF26998 [e] DIMMER

## Romeo Outdoor C3 Pvc 910 mm




IP 55

7,50 Kg

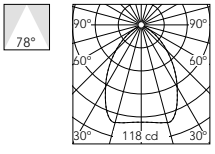
$A^+ \rightarrow E$

Ausgeschlossene Lichtquelle.

Light source not included.

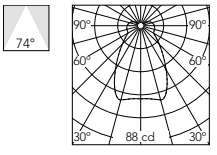
**HSGS E27:** 1x250W or **1 LED:** 21W - 2450 lm - 3000K

- F6469022
- F6469041




Panama

| Beam Angle: | | 78° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 118 | 1.63 |
| 2 | 30 | 3.26 |
| 3 | 13 | 4.89 |
| 4 | 7 | 6.53 |
| 5 | 5 | 8.16 |



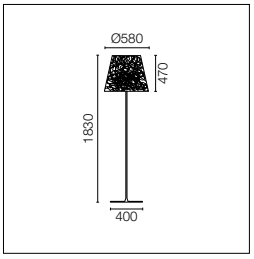

Green Wall

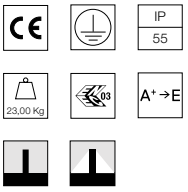
| Beam Angle: | | 74° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 88 | 1.50 |
| 2 | 22 | 3.01 |
| 3 | 10 | 4.51 |
| 4 | 6 | 6.02 |
| 5 | 4 | 7.52 |

### Zubehörteile / Accessories

1 x LED 21W E27 2450lm 3000K cod. RF26998 [e] DIMMER

## KTribe F3 Outdoor



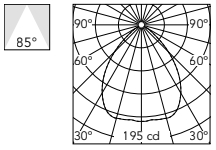




Ausgeschlossene Lichtquelle.

Light source not included.

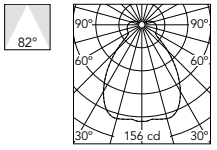
**HSGS E27:** 1x250W or **1 LED:** 21W - 2450 lm - 3000K Dimming

- F6268022
- F6268041




Panama

| Beam Angle: | 85° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 195 1.82 |
| 2 | 49 3.64 |
| 3 | 22 5.46 |
| 4 | 12 7.28 |
| 5 | 8 9.10 |



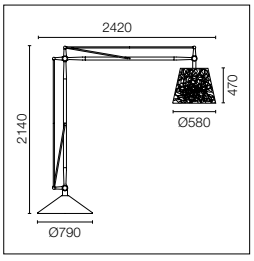

Green Wall

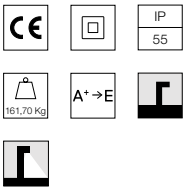
| Beam Angle: | 82° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 156 1.74 |
| 2 | 39 3.49 |
| 3 | 17 5.23 |
| 4 | 10 6.98 |
| 5 | 6 8.72 |

### Zubehörteile / Accessories

1 x LED 21W E27 2450lm 3000K cod. RF26998 [e] DIMMER

## Superarchimoon Outdoor



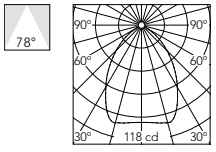




Ausgeschlossene Lichtquelle.

Light source not included.

**HSGS E27:** 1x250W or **1 LED:** 21W - 2450 lm - 3000K

- F6367022
- F6367041




Panama

| Beam Angle: | 78° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 118 1.63 |
| 2 | 30 3.26 |
| 3 | 13 4.89 |
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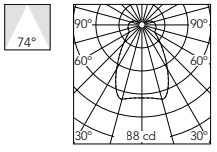
| 5 | 5 8.16 |




Green Wall

| Beam Angle: | 74° |
|---|---|
| h(m) | E(lx) D(m) |
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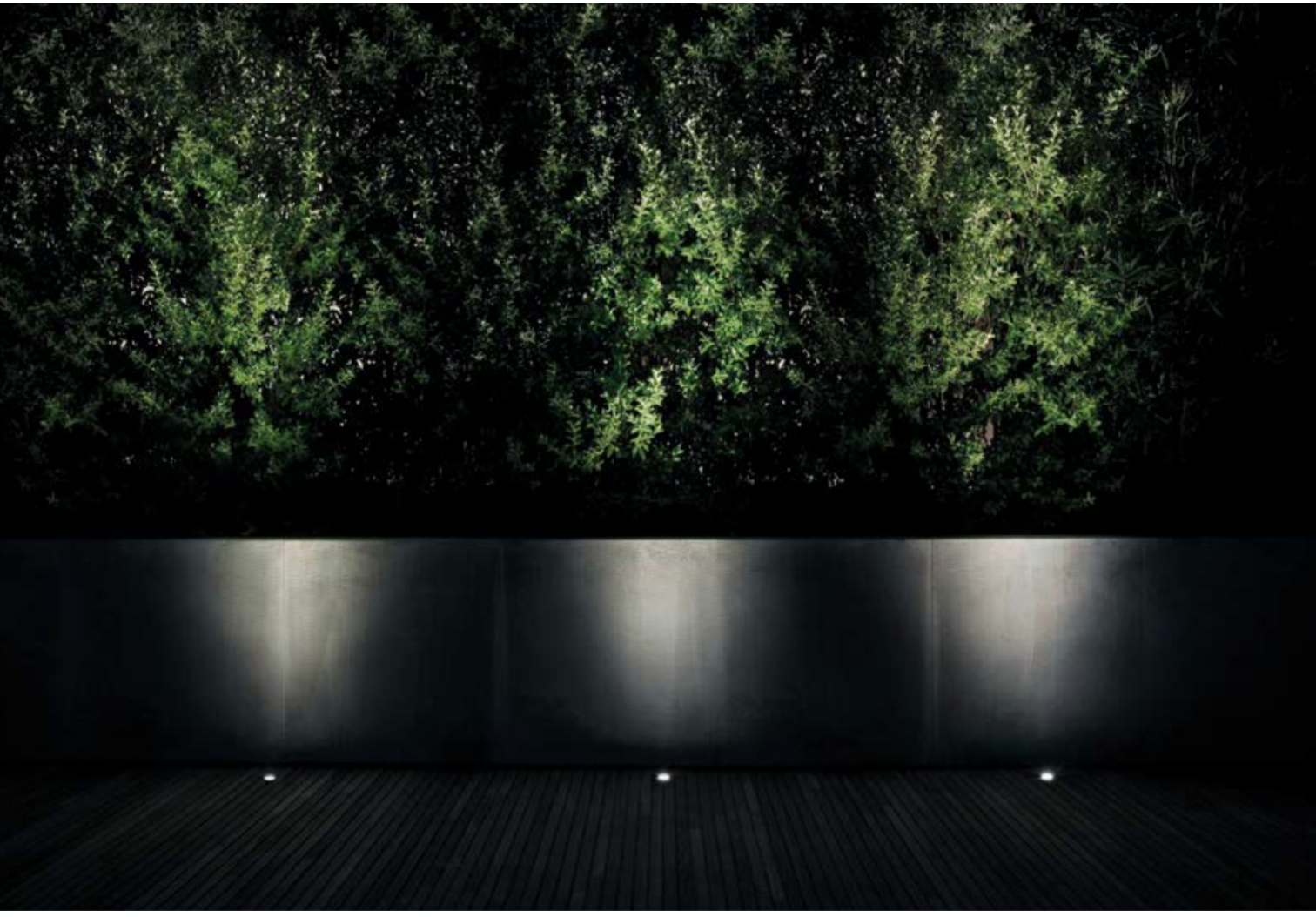
| 3 | 10 4.51 |
| 4 | 6 6.02 |
| 5 | 4 7.52 |

### Zubehörteile / Accessories

1 x LED 21W E27 2450lm 3000K cod. RF26998 [e] DIMMER

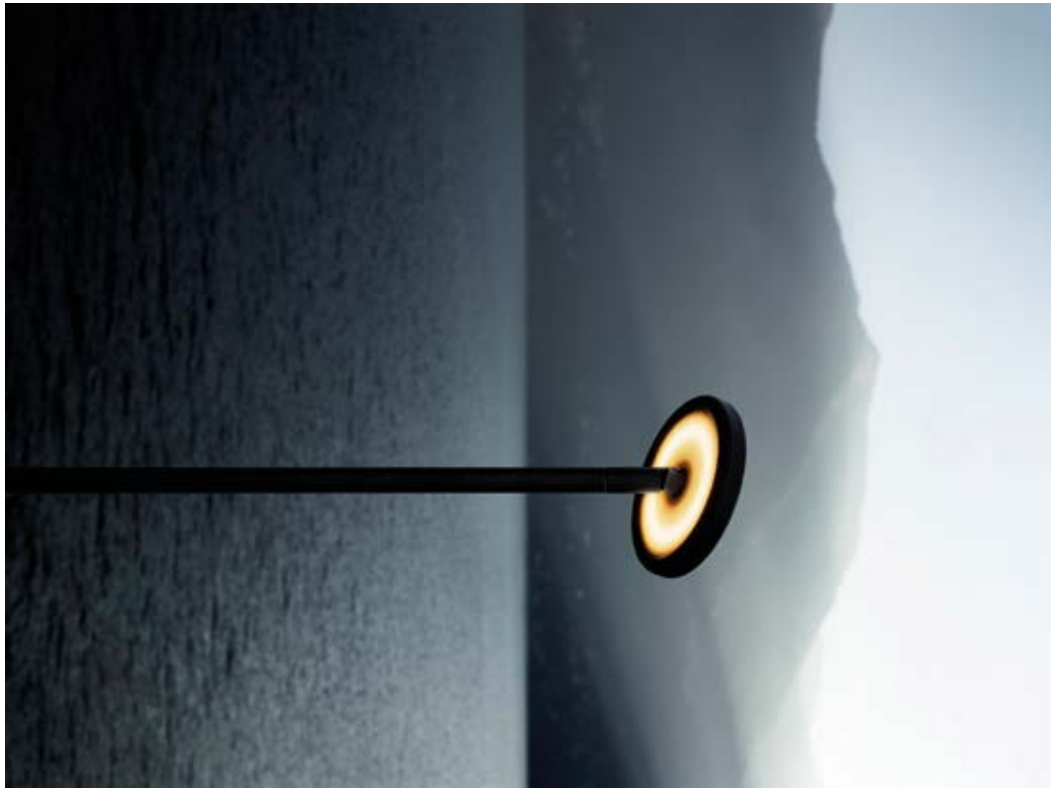
## Landlord

Designed by Piero Lissoni



Landlord Ground

Landlord Spot + Pole



Landlord Soft

## Familie / Family

Landlord Spot

**Power Led**
2,3W
130 lm - 2700K/CRI 80
135 lm - 3000K/CRI 80
140 lm - 4000K/CRI 80

Landlord Spot + Pole

**Spot Optic**
**Power Led**
3,4W
135 lm - 2700K/CRI 80
140 lm - 3000K/CRI 80
145 lm - 4000K/CRI 80

**Medium Optic**
**Power Led**
7,2W
442 lm - 2700K/CRI 80
457 lm - 3000K/CRI 80
492 lm - 4000K/CRI 80

Landlord Soft

**Power Led**
5W
242 lm - 2700K/CRI 80
252 lm - 3000K/CRI 80
269 lm - 4000K/CRI 80

Landlord Ground

**Power Led**
2,3W
121 lm - 2700K/CRI 80
125 lm - 3000K/CRI 80
130 lm - 4000K/CRI 80

**Power Led**
3,4W
183 lm - 2700K/CRI 80
189 lm - 3000K/CRI 80
196 lm - 4000K/CRI 80

## Ausführungen / Colours

Landlord Spot / Soft



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

33 Anthracite

71 Anodized Black

Landlord Ground

56 Matt Stainless Steel

**Landlord Spot**
IP66-Projektor für die Außenanwendung, hergestellt aus einem gedrehten Aluminiumkörper, mit 24V versorgt, und in 2700K-, 3000K- und 4000K-Farbtemperaturen verfügbar. Auf der horizontalen Achse kann der Strahler um 359° geschwenkt werden und auf der vertikalen Achse bis zu 30° nach unten und 90° nach oben.
Landlord Spots sind in zwei Größen verfügbar: Kopf mit ø40 und ø50, wobei beide über eine abnehmbare Vorderhülse verfügen, um Flutlinsen oder bis zu zwei "honeycomb" für höchsten Sichtkomfort anzubringen.
Landlord Spots können auf festen Erdspießen mit der Möglichkeit eines optionalen Pfahls, auf einer Wandbasis, oder auf dem innovativen Baumgürtel, der dazu entwickelt ist, die Leuchten direkt auf den Baumzweigen zu befestigen, angebracht werden.

**Landlord Soft**
IP65-Projektor für die Außenanwendung mit diffuser Beleuchtung.
Das Produkt ist durch einen scheibenförmigen Aluminiumkopf gekennzeichnet, der bis zu einem 20º-Strahl einstellbar und in Position arretierbar ist, es wird mit 24V versorgt und ist in den Farbtemperaturen 2700K, 3000K und 4000K verfügbar.
Das ist das perfekte Tool zur Beleuchtung von Sträuchern, Blumenbeeten und Durchgangsbereichen mit einem einheitlichen, diffusen Lichtstrahl.
Landlord Soft kann auf festen Erdspießen mit der Möglichkeit eines optionalen Pfahls angebracht werden.

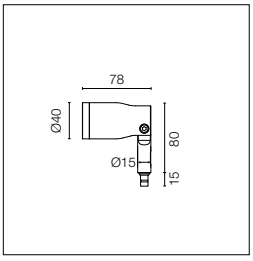
**Landlord Ground**
IP66/IP67-Leuchten für vertiefte Bodeninstallation, 24V-Versor-gung. Körper aus eloxiertem und anschließend geharztem Aluminium, Außenring aus kugelgestrahltem Edelstahl, der die gesamte Steuerelektronik umhüllt. Kopf in zwei Größen verfügbar - ø49 mm und ø64 mm - mit frontaler oder strei-fender Emission (ein, zwei oder vier Strahlen).
Frontale Emissionsversionen sind mit Punkt- oder Medium-Optik verfügbar mit der integrierten, nicht entfernbaren "honeycomb" für höchsten optischen Komfort verfügbar.
Ist in der Installationsbox zu installieren.

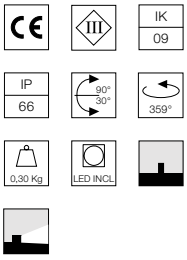
**Landlord Spot**
IP66 projector for external use made of turned aluminium body and powered at 24V, and available in 2700K, 3000K and 4000K colour temperatures. With reference to the horizontal axis the spotlight can be swivelled by 359°, on the vertical axis by up to 30° down and up to 90º up.
Landlord Spots are available in two sizes, ø40 and ø50 head, both equipped with desmontable front ferrule, in order to install flood lens or up to two honeycombs for maximum visual confort.
Landlord Spots can be installed on solid ground spikes, with the possibility of an optional picket, on wall base, or on the innovative tree belt, designed to fix the luminaries directly on tree branches.

**Landlord Soft**
IP65 projector for external use, designed to offer diffuse lighting.
It is characterized by an aluminium disk shape head, orientable up to 20º beam and lockable in position, to be powered at 24V, and available in 2700K, 3000K and 4000K colour temperature.
It is the perfect tool to light bushes, flowerbed and transit areas with an homogenous diffuse light beam.
Landlord Soft can be installed on solid ground spikes, with the possibility of an optional picket.

**Landlord Ground**
IP66 / IP67 luminaries for ground recessed installation, powered 24V. Body in anodized, then resined aluminium, external ring in shot-peened stainless steel, encasing the entire control electronics. Head available in two sizes, ø49 mm, and ø64 mm, with frontal or grazing emission (one, two or four beams).
Frontal emission version are available with spot or medium optic, or with integrated non removable honeycomb, for maximum visual confort.
To be installed in its installation box.

## Landlord Spot Ø40




Strahlverstellbarer Kopf für die Installation auf Bodenstangen oder auf einer Wandbasis.
Stangen und Basis sind als separates Zubehör zu bestellen.
Köpfe sind mit einer abnehmbaren Hülse zum Einfügen von Flutlinsen oder bis zu zwei "honeycomb" ausgestattet (als separates Zubehör zu bestellen).
24V-Fernstromversorgung, separat zu bestellen.
Jeder Kopf hat ein 2000 mm langes Ausgangskabelsegment und einen Kabelsatz.

Spot adjustable head for installation on ground poles or on wall base.
Poles and base to be ordered as separated accessories.
Heads are equipped with a dismountable ferrule, to insert flood lens or up to two honeycombs, (to be ordered as separate accessories).
24V remote power supply to be ordered separately.
Each head comes with a 2000 mm lenght outgoing cable and a wiring kit.

### Optic Spot 12°

**Power Led:** 2,3W - 188 lm ≠ *FIXT 130 lm - 2700K/CRI 80 - 24V / 2,3W - 195 lm ≠ *FIXT 135 lm - 3000K/CRI 80 - 24V / 2,3W - 202 lm ≠ *FIXT 140 lm - 4000K/CRI 80 - 24V

**2700K**

PWM Dimmable

- ○ F004D21A001
- ● F004D21A006
- ● F004D21A012
- ● F004D21A018
- ● F004D21A030
- ● F004D21A033
- ● F004F21A071

**3000K**

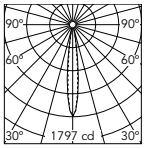
PWM Dimmable

- ○ F004D31A001
- ● F004D31A006
- ● F004D31A012
- ● F004D31A018
- ● F004D31A030
- ● F004D31A033
- ● F004F31A071

**4000K**

PWM Dimmable

- ○ F004D41A001
- ● F004D41A006
- ● F004D41A012
- ● F004D41A018
- ● F004D41A030
- ● F004D41A033
- ● F004F41A071




@4000K

Beam Angle: 12°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 1797 | 0.24 |
| 2 | 449 | 0.48 |
| 3 | 200 | 0.72 |
| 4 | 112 | 0.97 |
| 5 | 72 | 1.21 |

### Optic Medium 34°

**Power Led:** 2,3W - 188 lm ≠ *FIXT 122 lm - 2700K/CRI 80 - 24V / 2,3W - 195 lm ≠ *FIXT 127 lm - 3000K/CRI 80 - 24V / 2,3W - 202 lm ≠ *FIXT 131lm - 4000K/CRI 80 - 24V

**2700K**

PWM Dimmable

- ○ F004D22A001
- ● F004D22A006
- ● F004D22A012
- ● F004D22A018
- ● F004D22A030
- ● F004D22A033
- ● F004F22A071

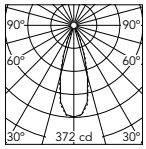
**3000K**

PWM Dimmable

- ○ F004D32A001
- ● F004D32A006
- ● F004D32A012
- ● F004D32A018
- ● F004D32A030
- ● F004D32A033
- ● F004F32A071

**4000K**

- ○ F004D42A001
- ● F004D42A006
- ● F004D42A012
- ● F004D42A018
- ● F004D42A030
- ● F004D42A033
- ● F004F42A071




@4000K

Beam Angle: 34°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 372 | 0.59 |
| 2 | 93 | 1.18 |
| 3 | 41 | 1.77 |
| 4 | 23 | 2.36 |
| 5 | 15 | 2.95 |

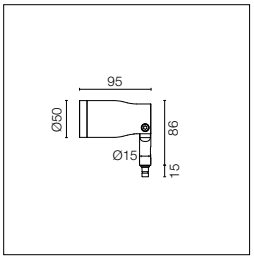
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

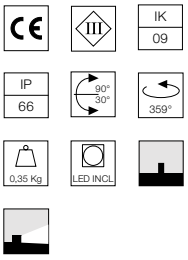
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| Non Dimmable | | Dimmable | |
|---|---|---|---|
| Acc. RF25754 | 3 | Acc. F990B02A000 | 13 |
| Acc. RF25748 | 3 | Acc. F990B03A000 | 13 |
| Acc. RF25747 | 4 | Acc. F990B04A000 | 28 |
| Acc. RF25757 | 4 | Acc. F990B05A000 | 28 |
| Acc. F990B23AZ00 | 12 | | |
| Acc. RF25755 | 17 | | |
| Acc. RF25749 | 27 | | |

## Landlord Spot Ø50




Strahlverstellbarer Kopf für die Installation auf Bodenstangen oder auf einer Wandbasis.
Stangen und Basis sind als separates Zubehör zu bestellen.
Köpfe sind mit einer abnehmbaren Hülse zum Einfügen von Flutlinsen oder bis zu zwei "honeycomb" ausgestattet (als separates Zubehör zu bestellen).
24V-Fernstromversorgung, separat zu bestellen.
Jeder Kopf hat ein 2000 mm langes Ausgangskabelsegment und einen Kabelsatz.

Spot adjustable head for installation on ground poles or on wall base.
Poles and base to be ordered as separated accessories.
Heads are equipped with a dismountable ferrule, to insert flood lens or up to two honeycombs, (to be ordered as separate accessories).
24V remote power supply to be ordered separately.
Each head comes with a 2000 mm lenght outgoing cable and a wiring kit.

### Optic Narrow Spot 7°

**Power Led:** 3,4W - 251 lm ≠ FIXT 135 lm - 2700K/CRI 80 - 24V / 3,4W - 260 lm ≠ FIXT 140 lm - 3000K/CRI 80 - 24V / 3,4W - 270 lm ≠ FIXT 145 lm - 4000K/CRI 80 - 24V

**2700K**

PWM Dimmable

- ○ F004E21A001
- ● F004E21A006
- ● F004E21A012
- ● F004E21A018
- ● F004E21A030
- ● F004E21A033
- ● F004G21A071

**3000K**

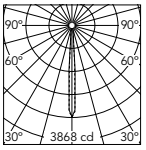
PWM Dimmable

- ○ F004E31A001
- ● F004E31A006
- ● F004E31A012
- ● F004E31A018
- ● F004E31A030
- ● F004E31A033
- ● F004G31A071

**4000K**

PWM Dimmable

- ○ F004E41A001
- ● F004E41A006
- ● F004E41A012
- ● F004E41A018
- ● F004E41A030
- ● F004E41A033
- ● F004G41A071




@4000K

| Beam Angle: | | 7° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 3868 | 0.14 |
| 2 | 967 | 0.28 |
| 3 | 430 | 0.41 |
| 4 | 242 | 0.55 |
| 5 | 155 | 0.69 |

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| Non Dimmable | | Dimmable | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. F990B02A000 | 7 |
| Acc. RF25748 | 1 | Acc. F990B03A000 | 7 |
| Acc. RF25747 | 3 | Acc. F990B04A000 | 17 |
| Acc. RF25757 | 3 | Acc. F990B05A000 | 17 |
| Acc. F990B23AZ00 | 7 | | |
| Acc. RF25755 | 9 | | |
| Acc. RF25749 | 17 | | |

### Optic Medium 24°

**Power Led:** 7,2W - 666 lm ≠ FIXT 442 lm - 2700K/CRI 80 - 24V / 7,2W - 689 lm ≠ FIXT 457 lm - 3000K/CRI 80 - 24V / 7,2W - 741 lm ≠ FIXT 492 lm - 4000K/CRI 80 - 24V

**2700K**

PWM Dimmable

- ○ F004E22A001.A
- ● F004E22A006.A
- ● F004E22A012.A
- ● F004E22A018.A
- ● F004E22A030.A
- ● F004E22A033.A
- ● F004G22A071.A

**3000K**

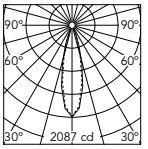
PWM Dimmable

- ○ F004E32A001.A
- ● F004E32A006.A
- ● F004E32A012.A
- ● F004E32A018.A
- ● F004E32A030.A
- ● F004E32A033.A
- ● F004G32A071.A

**4000K**

PWM Dimmable

- ○ F004E42A001.A
- ● F004E42A006.A
- ● F004E42A012.A
- ● F004E42A018.A
- ● F004E42A030.A
- ● F004E42A033.A
- ● F004G42A071.A




@4000K

| Beam Angle: | | 24° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 2087 | 0.47 |
| 2 | 522 | 0.94 |
| 3 | 232 | 1.41 |
| 4 | 130 | 1.88 |
| 5 | 83 | 2.35 |

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

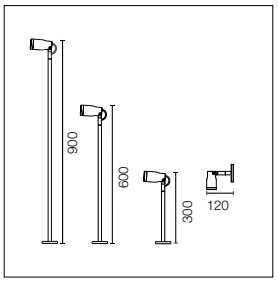
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| Non Dimmable | | Dimmable | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. F990B02A000 | 3 |
| Acc. RF25748 | 1 | Acc. F990B03A000 | 3 |
| Acc. RF25747 | 1 | Acc. F990B04A000 | 7 |
| Acc. RF25757 | 1 | Acc. F990B05A000 | 7 |
| Acc. F990B23AZ00 | 3 | | |
| Acc. RF25755 | 6 | | |
| Acc. RF25749 | 9 | | |

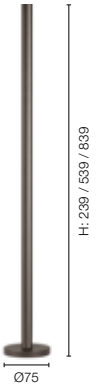
## Landlord Spot: Kopf + Stangenzubehör / Head + pole accessory

### Spot Ø40




Stange mit Basis.
Fertig für die Installation auf starrer Basis.
Für die Installation am Boden, Erdpfosten inbegriffen, als separater Artikel zu bestellen.

Pole with base.
Ready for installation on solid surface.
Ground installation needs earth stick use, to be ordered as separated item.




**H 300 mm**

- ○ F004Z010001
- F004Z010006
- F004Z010012
- F004Z010018
- F004Z010030
- F004Z010033
- F004Z0D0071

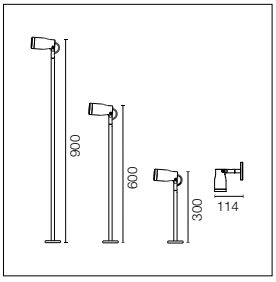
**H 600 mm**

- ○ F004Z020001
- F004Z020006
- F004Z020012
- F004Z020018
- F004Z020030
- F004Z020033
- F004Z0E0071

**H 900 mm**

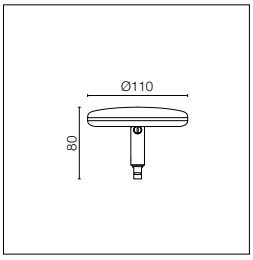
- ○ F004Z030001
- F004Z030006
- F004Z030012
- F004Z030018
- F004Z030030
- F004Z030033
- F004Z0F0071

### Spot Ø50




## Landlord Spot: Zubehörteile / Accessories

| | | | |
|---|---|---|---|
| Wandbasis. | Wall base. | ○ F004Z040001<br>F004Z040006<br>F004Z040012<br>F004Z040018<br>F004Z040030<br>F004Z040033<br>F004Z0A0071 | |
| Erdpfosten.<br>Auf den Stangen mit Basis zu montieren. | Earth stick.<br>To be mounted on poles with base. | F004Z060000 | |
| Honeycomb. | Honeycomb. | Landlord Spot Ø40<br>F004Z0B0000<br>Landlord Spot Ø50<br>F004Z0L0000 | |
| Floodlinse. | Flood lens. | Landlord Spot Ø40<br>F004Z0C0000<br>Landlord Spot Ø50<br>F004Z0H0000 | |
| Baumgürtel.<br>Zubehör für die Anbringung der Leuchte direkt auf dem Baumzweig, von ø30 mm bis zu ø100 mm.<br>Deep Brown Ausführungen. | Tree strap.<br>Accessory for spot installation directly on tree branch, from ø30mm up to ø100mm.<br>Deep Brown finishing. | F004Z070000 | |




IP 65 | IK 07 | 20° | 359° | 0,40 Kg | LED INCL

20°-einstellbarer Kopf für die Installation auf Bodenstangen. Stangen sind als separates Zubehör zu bestellen.
24V-Fernstromversorgung, separat zu bestellen.
Jeder Kopf hat ein 2000 mm langes Ausgangskabelsegment und einen Kabelsatz.

20° adjustable head for installation on ground poles. Poles to be ordered as separated accessories.
24V remote power supply to be ordered separately.
Each head comes with a 2000 mm lenght outgoing cable and a wiring kit.

**Top Led:** 5W - 379 lm ≠ FIXT 242 lm - 2700K/CRI 80 - 24V / 5W - 395 lm ≠ FIXT 252 lm - 3000K/CRI 80 - 24V / 5W - 421 lm ≠ FIXT 269 lm - 4000K/CRI 80 - 24V

**2700K**

PWM Dimmable

- ○ F004C20A001
- ● F004C20A006
- ● F004C20A012
- ● F004C20A018
- ● F004C20A030
- ● F004C20A033
- ● F004H20A071

**3000K**

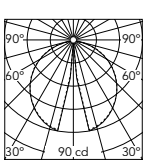
PWM Dimmable

- ○ F004C30A001
- ● F004C30A006
- ● F004C30A012
- ● F004C30A018
- ● F004C30A030
- ● F004C30A033
- ● F004H30A071

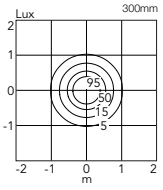
**4000K**

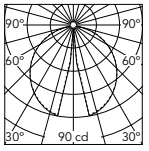
PWM Dimmable

- ○ F004C40A001
- ● F004C40A006
- ● F004C40A012
- ● F004C40A018
- ● F004C40A030
- ● F004C40A033
- ● F004H40A071

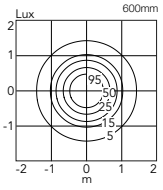


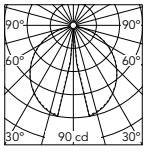

@4000K



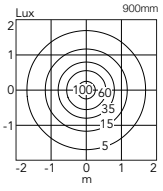




@4000K




@4000K



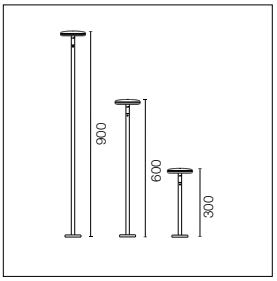

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

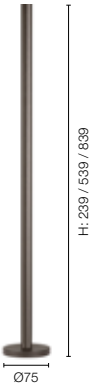
| Non Dimmable | | Dimmable | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF26387.A | 3 |
| Acc. RF25748 | 1 | Acc. F990B02A000 | 5 |
| Acc. RF25747 | 1 | Acc. F990B03A000 | 5 |
| Acc. RF25757 | 1 | Acc. F990B04A000 | 12 |
| Acc. F990B23AZ00 | 3 | Acc. F990B05A000 | 12 |
| Acc. RF25755 | 6 | | |
| Acc. RF25749 | 9 | | |

## Landlord Soft: Kopf + Stangenzubehör / Head + pole accessory




Stange mit Basis.
Fertig für die Installation auf starrer Basis.
Für die Installation am Boden, Erdpfosten inbegriffen, als separater Artikel zu bestellen.

Pole with base.
Ready for installation on solid surface.
Ground installation needs earth stick use, to be ordered as separated item.

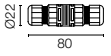
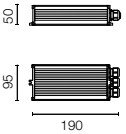



**H 300 mm**
- F004Z010001
- F004Z010006
- F004Z010012
- F004Z010018
- F004Z010030
- F004Z010033
- F004Z0D0071

**H 600 mm**
- F004Z020001
- F004Z020006
- F004Z020012
- F004Z020018
- F004Z020030
- F004Z020033
- F004Z0E0071

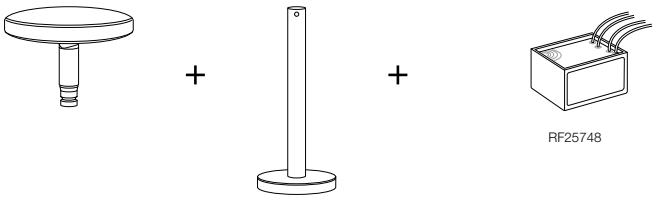
**H 900 mm**
- F004Z030001
- F004Z030006
- F004Z030012
- F004Z030018
- F004Z030030
- F004Z030033
- F004Z0F0071

## Landlord: Zubehörteile / Accessories

| | | | |
|---|---|---|---|
| Erdpfosten.<br>Auf den Stangen mit Basis zu montieren. | Earth stick.<br>To be mounted on poles with base. | F004Z060000 | |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 2 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C00A000 |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv. | Landlord Soft<br>Only for Dali version<br>RF26387.A<br>Dimmable DALI |  |

## Konfigurationsbeispiele / Examples of Configuration

ON-OFF (nicht dimmbar) = Produktcode (F004C30A001 + F004Z010001) + Netzteil 8 W / 110-240 Vac /24 Vdc ON-OFF IP65 (RF25748)
ON-OFF (non dimmable) = luminaire code (F004C30A001 + F004Z010001) + power supply 8W / 110-240Vac / 24Vdc ON-OFF IP65 (RF25748)

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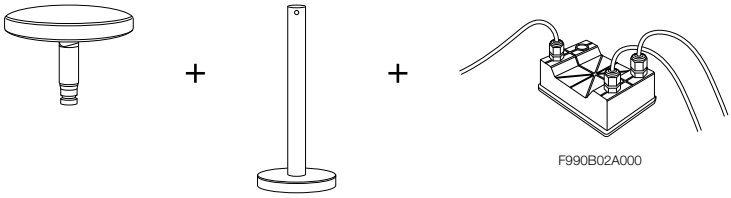
Dimmbar 1-10 V= Produktcode (F004C30A001 + F004Z010001) + Netzteil 35 W / 120-270 Vac / 24 Vdc 1-10 V PWM-Steuerung IP67 (F990B02A000)
Dimmable 1-10V = luminaire code (F004C30A001 + F004Z010001) + power supply 35W / 120-270Vac / 24Vdc 1-10V PWM control IP67 (F990B02A000)

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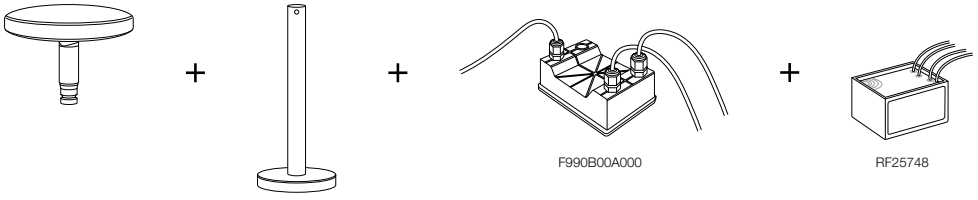
Dimmbar 1-10 V: PWM-Steuerschnittstelle + Netzteil = Produktcode (F004C30A001 + F004Z010001) + PWM-Steuerschnittstelle 1-10 V PWM 24 Vdc 120 W IP67 (F990B00A000) + Netzteil 8 W / 110-240 Vac / 24 Vdc ON-OFF IP65 (RF25748) oder andere externe Stromversorgung 24Vdc

Dimmable 1-10V : PWM control interface + power supply = luminaire code (F004C30A001 + F004Z010001) + PWM control interface 1-10V PWM 24Vdc 120W IP67 (F990B00A000) + power supply 8W / 110-240Vac / 24Vdc ON-OFF IP65 (RF25748) or other remote power supply

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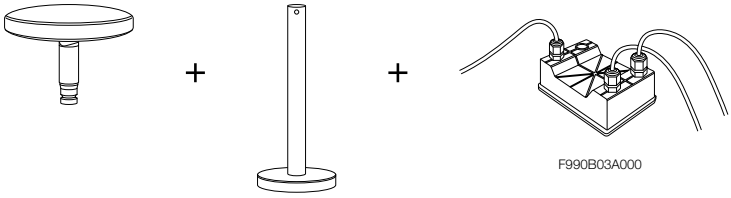
Dimmbar DALI = Produktcode (F004C30A001 + F004Z010001) + Netzteil 35 W / 120-270 Vac / 24 Vdc DALI-PWM-Steuerung IP67 (F990B03A000)
Dimmable DALI = luminaire code (F004C30A001 + F004Z010001) + power supply 35W / 120-270Vac / 24Vdc DALI PWM control IP67 (F990B03A000)

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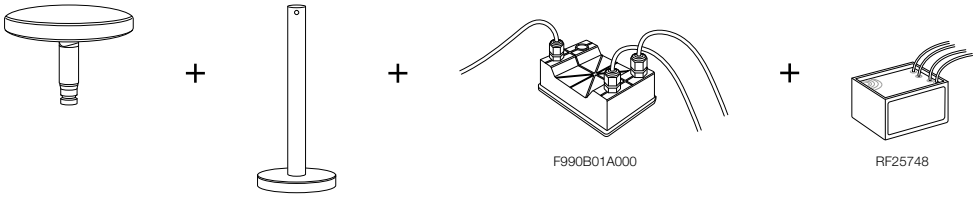
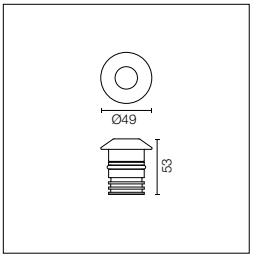
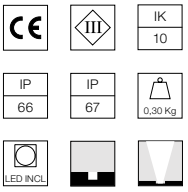
Dimmbare DALI: PWM-Steuerschnittstelle + Netzteil = Produktcode (F004C30A001 + F004Z010001) + DALI PWM-Steuerschnittstelle 24 Vdc 120 W IP67 (F990B01A000) + Netzteil 8 W / 110-240 Vac / 24 Vdc ON-OFF IP65 (RF25748) oder andere externe Stromversorgung 24Vdc

Dimmable DALI: PWM control interface + power supply = luminaire code (F004C30A001 + F004Z010001) + PWM control interface DALI PWM 24Vdc 120W IP67 (F990B01A000) + power supply 8W / 110-240Vac / 24Vdc ON-OFF IP65 (RF25748) or other remote power supply



## Landlord Ground 49




24V-Fernstromversorgung, separat zu bestellen.
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.
Necessary box for installation, to be ordered separately.

**Power Led:** 2,3W - 188 lm ≠ *FIXT 121 lm - 2700K/CRI 80 - 24V / 2,3W - 195 lm ≠ *FIXT 125 lm - 3000K/CRI 80 - 24V / 2,3W - 202 lm ≠ *FIXT 130 lm - 4000K/CRI 80 - 24V
*FIXT lm = Spot Optic

**Optic Spot 14°**

**2700K**

Non Dimmable
- F004A21A056

PWM Dimmable
- F004A21H056

Non Dimmable with honeycomb
- F004A26A05601

**3000K**

Non Dimmable
- F004A31A056

PWM Dimmable
- F004A31H056

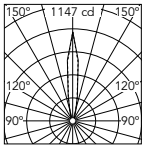
Non Dimmable with honeycomb
- F004A36A05601

**4000K**

Non Dimmable
- F004A41A056

PWM Dimmable
- F004A41H056

Non Dimmable with honeycomb
- F004A46A05601




@4000K

Beam Angle: 14°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 1147 | 0.26 |
| 2 | 287 | 0.51 |
| 3 | 127 | 0.77 |
| 4 | 72 | 1.02 |
| 5 | 46 | 1.28 |

**Optic Medium 40°**

**2700K**

Non Dimmable
- F004A22A056

PWM Dimmable
- F004A22H056

Non Dimmable with honeycomb
- F004A27A05602

**3000K**

Non Dimmable
- F004A32A056

PWM Dimmable
- F004A32H056

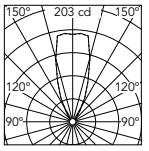
Non Dimmable with honeycomb
- F004A37A05602

**4000K**

Non Dimmable
- F004A42A056

PWM Dimmable
- F004A42H056

Non Dimmable with honeycomb
- F004A47A05602

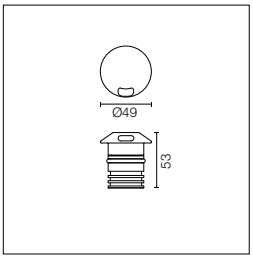


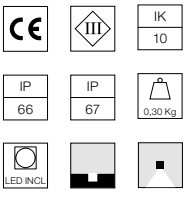

@4000K

Beam Angle: 40°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 203 | 0.72 |
| 2 | 51 | 1.44 |
| 3 | 23 | 2.16 |
| 4 | 13 | 2.88 |
| 5 | 8 | 3.61 |

## Landlord Ground 49 1 Beam




24V-Fernstromversorgung, separat zu bestellen.
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.
Necessary box for installation, to be ordered separately.

**Power Led:** 2,3W - 188 lm ≠ FIXT 8 lm - 2700K/CRI 80 - 24V / 2,3W - 195 lm ≠ FIXT 9 lm - 3000K/CRI 80 - 24V / 2,3W - 202 lm ≠ FIXT 9 lm - 4000K/CRI 80 - 24V

**2700K**

Non Dimmable
- F004A23A056

PWM Dimmable
- F004A23H056

**3000K**

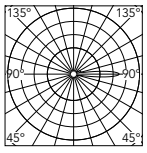
Non Dimmable
- F004A33A056

PWM Dimmable
- F004A33H056

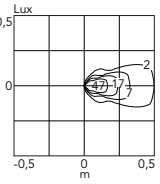
**4000K**

Non Dimmable
- F004A43A056

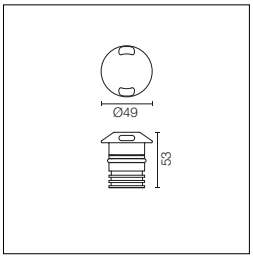
PWM Dimmable
- F004A43H056

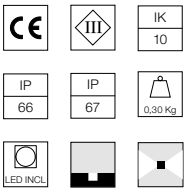



@4000K



## Landlord Ground 49 2 Beams




24V-Fernstromversorgung, separat zu bestellen.
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.
Necessary box for installation, to be ordered separately.

**Power Led:** 2,3W - 188 lm ≠ FIXT 16 lm - 2700K/CRI 80 - 24V / 2,3W - 195 lm ≠ FIXT 17 lm - 3000K/CRI 80 - 24V / 2,3W - 202 lm ≠ FIXT 18 lm - 4000K/CRI 80 - 24V

**2700K**

Non Dimmable
- F004A24A056

PWM Dimmable
- F004A24H056

**3000K**

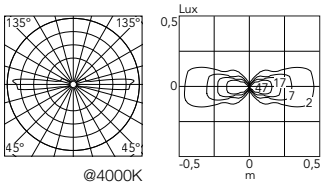
Non Dimmable
- F004A34A056

PWM Dimmable
- F004A34H056

**4000K**

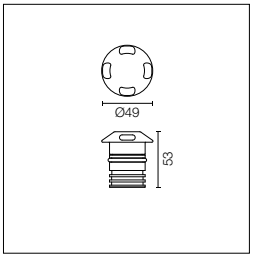
Non Dimmable
- F004A44A056

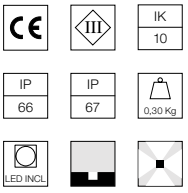
PWM Dimmable
- F004A44H056



@4000K

## Landlord Ground 49 4 Beams




24V-Fernstromversorgung, separat zu bestellen.
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.
Necessary box for installation, to be ordered separately.

**Power Led:** 2,3W - 188 lm ≠ FIXT 32 lm - 2700K/CRI 80 - 24V / 2,3W - 195 lm ≠ FIXT 34 lm - 3000K/CRI 80 - 24V / 2,3W - 202 lm ≠ FIXT 36 lm - 4000K/CRI 80 - 24V

**2700K**

Non Dimmable
- F004A25A056

PWM Dimmable
- F004A25H056

**3000K**

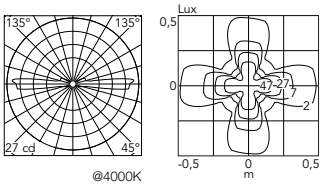
Non Dimmable
- F004A35A056

PWM Dimmable
- F004A35H056

**4000K**

Non Dimmable
- F004A45A056

PWM Dimmable
- F004A45H056



@4000K

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

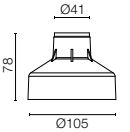
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

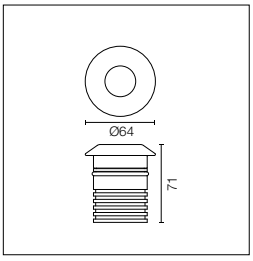
| Non Dimmable | | Dimmable | |
|---|---|---|---|
| Acc. RF25754 | 2 | Acc. F990B02A000 | 13 |
| Acc. RF25748 | 2 | Acc. F990B03A000 | 13 |
| Acc. RF25747 | 3 | Acc. F990B04A000 | 28 |
| Acc. RF25757 | 3 | Acc. F990B05A000 | 28 |
| Acc. F990B23AZ00 | 9 | | |
| Acc. RF25755 | 14 | | |
| Acc. RF25749 | 29 | | |

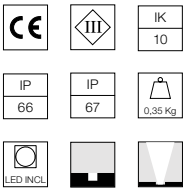
## Landlord Ground Ø49: Zubehörteile / Accessories

Einbaugehäuse. Box for installation. F004Z0J0000



## Landlord Ground 64




24V-Fernstromversorgung, separat zu bestellen.
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.
Necessary box for installation, to be ordered separately.

**Power Led:** 3,4W - 251 lm ≠ *FIXT 183 lm - 2700K/CRI 80 - 24V / 3,4W - 260 lm ≠ *FIXT 189 lm - 3000K/CRI 80 - 24V / 3,4W - 270 lm ≠ *FIXT 196 lm - 4000K/CRI 80 - 24V
*FIXT lm = Spot Optic

**Optic Spot 15°**

**2700K**

Non Dimmable
- F004B21A056

PWM Dimmable
- F004B21H056

Non Dimmable with honeycomb
- F004B26A05601

**3000K**

Non Dimmable
- F004B31A056

PWM Dimmable
- F004B31H056

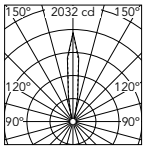
Non Dimmable with honeycomb
- F004B36A05601

**4000K**

Non Dimmable
- F004B41A056

PWM Dimmable
- F004B41H056

Non Dimmable with honeycomb
- F004B46A05601




@4000K

Beam Angle: 15°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 2032 | 0.27 |
| 2 | 508 | 0.53 |
| 3 | 226 | 0.80 |
| 4 | 127 | 1.06 |
| 5 | 81 | 1.33 |

**Optic Medium 25°**

**2700K**

Non Dimmable
- F004B22A056

PWM Dimmable
- F004B22H056

Non Dimmable with honeycomb
- F004B27A05602

**3000K**

Non Dimmable
- F004B32A056

PWM Dimmable
- F004B32H056

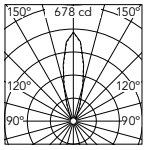
Non Dimmable with honeycomb
- F004B37A05602

**4000K**

Non Dimmable
- F004B42A056

PWM Dimmable
- F004B42H056

Non Dimmable with honeycomb
- F004B47A05602

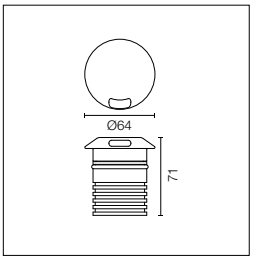


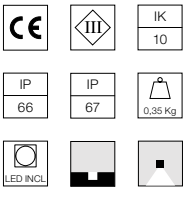

@4000K

Beam Angle: 25°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 678 | 0.46 |
| 2 | 169 | 0.92 |
| 3 | 75 | 1.38 |
| 4 | 42 | 1.84 |
| 5 | 27 | 2.30 |

## Landlord Ground 64 1 Beam




24V-Fernstromversorgung, separat zu bestellen.
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.
Necessary box for installation, to be ordered separately.

**Power Led:** 3,4W - 251 lm ≠ FIXT 11 lm - 2700K/CRI 80 - 24V / 3,4W - 260 lm ≠ FIXT 12 lm - 3000K/CRI 80 - 24V / 3,4W - 270 lm ≠ FIXT 12 lm - 4000K/CRI 80 - 24V

**2700K**

Non Dimmable
- F004B23A056

PWM Dimmable
- F004B23H056

**3000K**

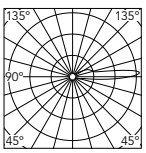
Non Dimmable
- F004B33A056

PWM Dimmable
- F004B33H056

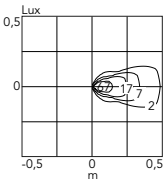
**4000K**

Non Dimmable
- F004B43A056

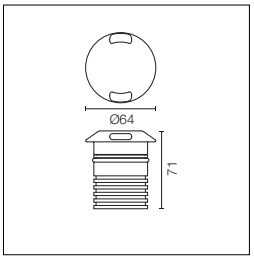
PWM Dimmable
- F004B43H056

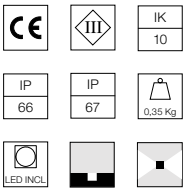



@4000K



## Landlord Ground 64 2 Beams




24V-Fernstromversorgung, separat zu bestellen.
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.
Necessary box for installation, to be ordered separately.

**Power Led:** 3,4W - 251 lm ≠ FIXT 22 lm - 2700K/CRI 80 - 24V / 3,4W - 260 lm ≠ FIXT 23 lm - 3000K/CRI 80 - 24V / 3,4W - 270 lm ≠ FIXT 24 lm - 4000K/CRI 80 - 24V

**2700K**

Non Dimmable
- F004B24A056

PWM Dimmable
- F004B24H056

**3000K**

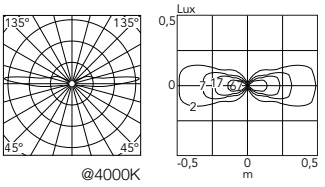
Non Dimmable
- F004B34A056

PWM Dimmable
- F004B34H056

**4000K**

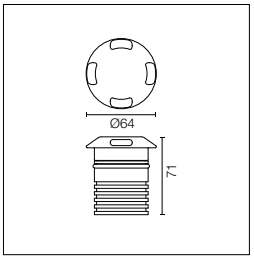
Non Dimmable
- F004B44A056

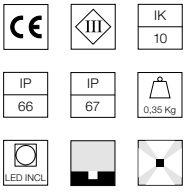
PWM Dimmable
- F004B44H056



@4000K

## Landlord Ground 64 4 Beams




24V-Fernstromversorgung, separat zu bestellen.
Die für Installation erforderliche Box ist separat zu bestellen.

24V remote power supply to be ordered separately.
Necessary box for installation, to be ordered separately.

**Power Led:** 3,4W - 251 lm ≠ FIXT 44 lm - 2700K/CRI 80 - 24V / 3,4W - 260 lm ≠ FIXT 46 lm - 3000K/CRI 80 - 24V / 3,4W - 270 lm ≠ FIXT 48 lm - 4000K/CRI 80 - 24V

**2700K**

Non Dimmable
- F004B25A056

PWM Dimmable
- F004B25H056

**3000K**

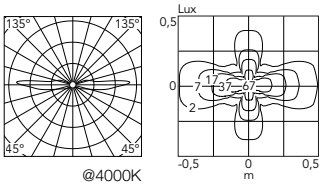
Non Dimmable
- F004B35A056

PWM Dimmable
- F004B35H056

**4000K**

Non Dimmable
- F004B45A056

PWM Dimmable
- F004B45H056



@4000K

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

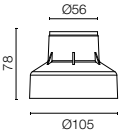
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

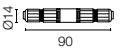
| Non Dimmable | | Dimmable | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. F990B02A000 | 7 |
| Acc. RF25748 | 1 | Acc. F990B03A000 | 7 |
| Acc. RF25747 | 3 | Acc. F990B04A000 | 17 |
| Acc. RF25757 | 3 | Acc. F990B05A000 | 17 |
| Acc. F990B23AZ00 | 7 | | |
| Acc. RF25755 | 9 | | |
| Acc. RF25749 | 17 | | |

## Landlord Ground Ø64: Zubehörteile / Accessories

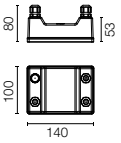
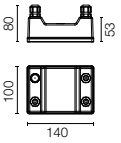
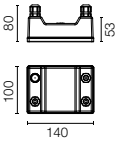
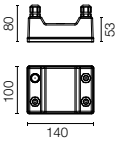
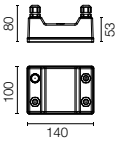
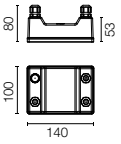
Einbaugehäuse. Box for installation. F004Z0K0000



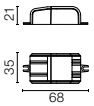
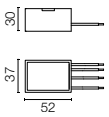
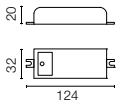
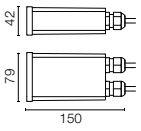
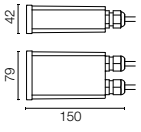
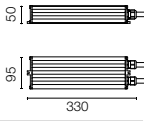
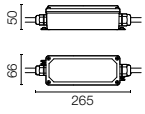
## Landlord: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel).<br>Kann nicht in das Einbaugehäuse für die Installation platziert werden. | 2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable).<br><br>It can't be placed in the recessed box for installation. | F990C050000 | |  |

## Landlord (all versions): Power Supply Dimmable

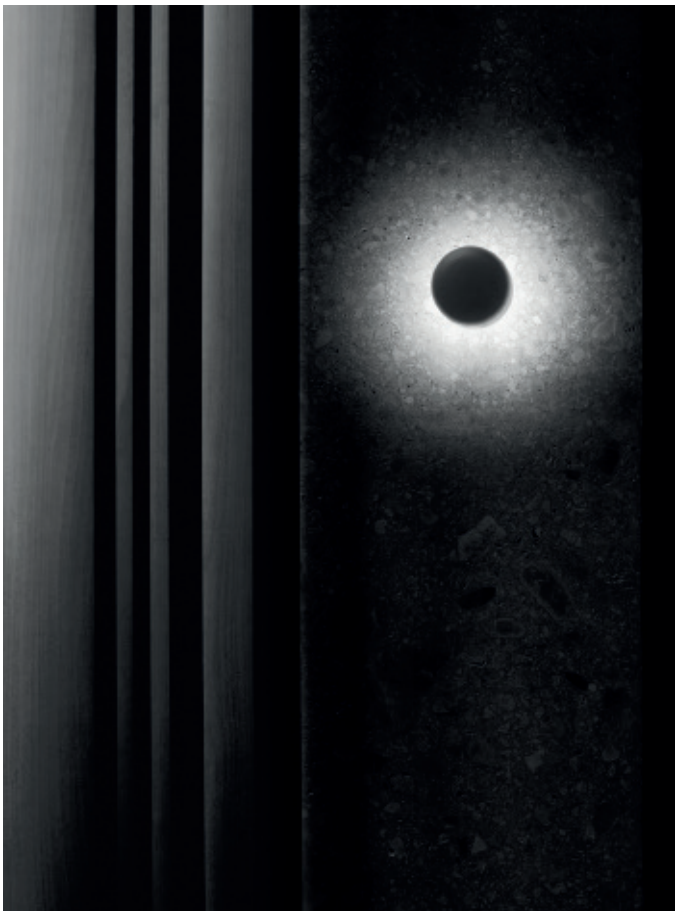
| | | | | |
|---|---|---|---|---|
| Netzgerät 120/270Vac / 24Vdc. PUSH PWM control. | Power supply 120/270Vac / 24Vdc. PUSH PWM control. | 35W<br>*F990B16A000<br>70W<br>*F990B17A000 | |  |
| Netzgerät 120/270Vac / 24Vdc. DALI PWM control. IP67. | Power supply 120/270Vac / 24Vdc. DALI PWM control. IP67. | 35W<br>*F990B03A000<br>70W<br>*F990B05A000 | |  |
| Netzgerät 120/270Vac / 24Vdc. PUSH PWM control. IP67. | Power supply 120/270Vac / 24Vdc. PUSH PWM control. IP67. | 35W<br>*F990B16A000<br>70W<br>*F990B17A000 | |  |
| PUSH PWM-Steuerungsschnittstelle 24Vdc 120W. IP67. Netzgerät nicht eingeschlossen. | PUSH PWM control interface 24Vdc 120W. IP67. Power supply not included. | F990B18A000 | |  |
| DALI PWM-Steuerungsschnittstelle 24Vdc 120W. IP67. Netzgerät nicht eingeschlossen. | DALI PWM control interface 24Vdc 120W. IP67. Power supply not included. | F990B01A000 | |  |
| PUSH PWM-Steuerungsschnittstelle 24Vdc 120W. IP67. Netzgerät nicht eingeschlossen. | PUSH PWM control interface 24Vdc 120W. IP67. Power supply not included. | F990B18A000 | |  |

## Landlord: Power Supply Non Dimmable

| | | | | |
|---|---|---|---|---|
| Doppelfunktion 24V / 350mA IP20 Klasse II selv. nicht dimmbar. | Power supply dual function 24V / 350mA IP20 Class II selv. no dimmable. | *RF25754 | |  |
| Netzgerät Doppelfunktion 24V / Iout 350mA 110-240V IP65. | Power supply dual function 24V / Iout 350mA 110-240V IP65. | *RF25748 | |  |
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | *RF25747 | |  |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 | |  |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | F990B23AZ00 | |  |
| Netzgerät 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |  |
| Netzgerät 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |  |

## Bellhop

Designed by Edward Barber & Jay Osgerby



Bellhop Wall

Bellhop Pole

Bellhop Bollard

## Familie / Family

Bellhop Wall

**Power Led**
8W
551 lm - 2700K/CRI 80
580 lm - 3000K/CRI 80
607 lm - 4000K/CRI 80

Bellhop Bollard

**Power Led**
8W
551 lm - 2700K/CRI 80
580 lm - 3000K/CRI 80
607 lm - 4000K/CRI 80

Bellhop Pole

**Power Led**
30W
2490 lm - 2700K/CRI 80
2590 lm - 3000K/CRI 80
2760 lm - 4000K/CRI 80

## Ausführungen / Colours



01 White*

06 Grey

12 Forest Green*

18 Deep Brown

30 Black*

33 Anthracite

56 Matt Stainless Steel*

* Nur für Wall und Bollard versionen. / Only for bollard and wall versions.

**Bellhop Wall**
Wandleuchtenversion der Bellhop Outdoor Kollektion für diffuses Licht, aus stranggepresstem und druckgegossenem Aluminium oder Edelstahl.

**Bellhop Bollard**
Pollerversion der Bellhop Outdoor Kollektion für diffuses Licht. Bellhop ist aus extrudiertem und druckgegossenem Aluminium oder Edelstahl gefertigt und in zwei Höhen für das Pollermodell und mit verschiedenen Lumen und Leuchtenausgängen erhältlich, um allen Anforderungen im Hinblick auf den Außenbereich und das Beleuchtungsszenario gerecht zu werden.

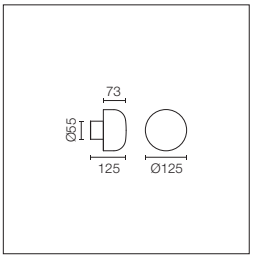
**Bellhop Pole**
Stangenversion der Bellhop Outdoor Kollektion für diffuses Licht. Aluminiumkopf auf einer 3 Meter oder 4 Meter langen extrudierten Stange montiert. Für die Installation auf einer harten Oberfläche oder im Boden verfügbar.

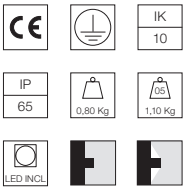
**Bellhop Wall**
Wall light version of the Bellhop Outdoor Collection for diffuse light, made of extruded and die-cast aluminium or stainless steel.

**Bellhop Bollard**
Bollard version of the Bellhop Outdoor Collection for diffuse light. Made of extruded and die-cast aluminium or stainless steel, Bellhop is available in two heights for the bollard model and with different lumens and luminaire outputs as to comply with any outdoor setting and lighting scenario need.

**Bellhop Pole**
Pole version of the Bellhop Outdoor Collection for diffuse light.
Aluminum head mounted on a 3m or 4m long extruded pole, available for installation on rigid surface or in ground.

## Bellhop Wall




100-240V Netzteil integriert.
Direkte Wandbefestigung.
Jede Leuchte ist mit einem 200 mm langen Kabelabschnitt für den Anschluss im Beleuchtungskörper ausgestattet.
Eine Verbindung mit einem Verbindungssystem, IP68, 2-Wege-$H_2O$-Antikondensatz, 4-polig wird empfohlen ist separat zu bestellen.

100-240V power supply integrated. Direct wall installation.
Each luminaire is equipped with 200 mm lenght cable for connection inside the luminaire body.
Reccomended connection wit a 2 way terminal block 4 poles IP68 $H_2O$ Stop, to be ordered separately.

**Power Led:** 8W - 783 lm ≠ FIXT 551 lm - 2700K/CRI 80 - 100-240V / 8W - 816 lm ≠ FIXT 580 lm - 3000K/CRI 80 - 100-240V / 8W - 873 lm ≠ FIXT 607 lm - 4000K/CRI 80 - 100-240V

**2700K**
Non Dimmable
- ○ F003C21A001
- ● F003C21A006
- ● F003C21A012
- ● F003C21A018
- ● F003C21A030
- ● F003C21A033
- ◐ F003C21A056

1-10V
- ○ F003C21B001
- ● F003C21B006
- ● F003C21B012
- ● F003C21B018
- ● F003C21B030
- ● F003C21B033
- ◐ F003C21B056

Dali
- ○ F003C21D001
- ● F003C21D006
- ● F003C21D012
- ● F003C21D018
- ● F003C21D030
- ● F003C21D033
- ◐ F003C21D056

**3000K**
Non Dimmable
- ○ F003C31A001
- ● F003C31A006
- ● F003C31A012
- ● F003C31A018
- ● F003C31A030
- ● F003C31A033
- ◐ F003C31A056

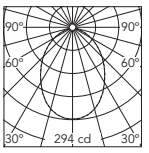
1-10V
- ○ F003C31B001
- ● F003C31B006
- ● F003C31B012
- ● F003C31B018
- ● F003C31B030
- ● F003C31B033
- ◐ F003C31B056

Dali
- ○ F003C31D001
- ● F003C31D006
- ● F003C31D012
- ● F003C31D018
- ● F003C31D030
- ● F003C31D033
- ◐ F003C31D056

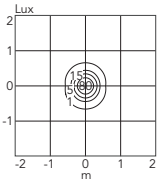
**4000K**
Non Dimmable
- ○ F003C41A001
- ● F003C41A006
- ● F003C41A012
- ● F003C41A018
- ● F003C41A030
- ● F003C41A033
- ◐ F003C41A056

1-10V
- ○ F003C41B001
- ● F003C41B006
- ● F003C41B012
- ● F003C41B018
- ● F003C41B030
- ● F003C41B033
- ◐ F003C41B056

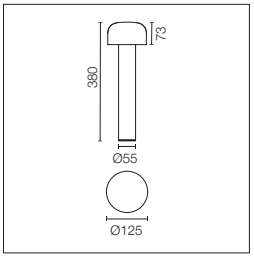
Dali
- ○ F003C41D001
- ● F003C41D006
- ● F003C41D012
- ● F003C41D018
- ● F003C41D030
- ● F003C41D033
- ◐ F003C41D056



@4000K



## Bellhop Bollard 380




IP 65 · IK 10 · 1,20 Kg · 2,20 Kg · LED INCL

100-240V Netzteil inbegriffen.
Fertig für die Installation auf starrer Basis.
Jede Leuchte ist mit einem 200 mm langen Kabelabschnitt für den Anschluss im Beleuchtungskörper ausgestattet.
Eine Verbindung mit einem Verbindungssystem, IP68, 2-Wege-$H_2O$-Antikondensatz, 4-polig wird empfohlen ist separat zu bestellen.

100-240V power supply included. Ready for installation on solid surface.
Each luminaire is equipped with 200 mm cable for connection inside the luminaire body.
Reccomended connection wit a 2 way terminal block 4 poles IP68 $H_2O$ Stop, to be ordered separately.

**Power Led:** 8W - 783 lm ≠ FIXT 551 lm - 2700K/CRI 80 - 100-240V / 8W - 816 lm ≠ FIXT 580 lm - 3000K/CRI 80 - 100-240V / 8W - 873 lm ≠ FIXT 607 lm - 4000K/CRI 80 - 100-240V

**2700K**

Non Dimmable
- F003A21A001
- F003A21A006
- F003A21A012
- F003A21A018
- F003A21A030
- F003A21A033
- F003A21A056

1-10V
- F003A21B001
- F003A21B006
- F003A21B012
- F003A21B018
- F003A21B030
- F003A21B033
- F003A21B056

Dali
- F003A21D001
- F003A21D006
- F003A21D012
- F003A21D018
- F003A21D030
- F003A21D033
- F003A21D056

**3000K**

Non Dimmable
- F003A31A001
- F003A31A006
- F003A31A012
- F003A31A018
- F003A31A030
- F003A31A033
- F003A31A056

1-10V
- F003A31B001
- F003A31B006
- F003A31B012
- F003A31B018
- F003A31B030
- F003A31B033
- F003A31B056

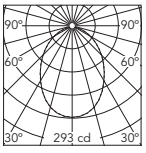
Dali
- F003A31D001
- F003A31D006
- F003A31D012
- F003A31D018
- F003A31D030
- F003A31D033
- F003A31D056

**4000K**

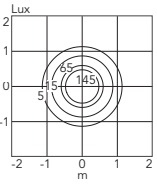
Non Dimmable
- F003A41A001
- F003A41A006
- F003A41A012
- F003A41A018
- F003A41A030
- F003A41A033
- F003A41A056

1-10V
- F003A41B001
- F003A41B006
- F003A41B012
- F003A41B018
- F003A41B030
- F003A41B033
- F003A41B056

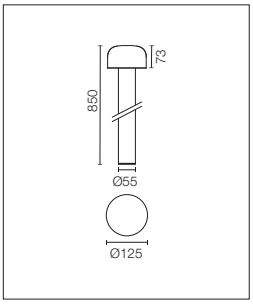
Dali
- F003A41D001
- F003A41D006
- F003A41D012
- F003A41D018
- F003A41D030
- F003A41D033
- F003A41D056




@4000K



## Bellhop Bollard 850




IP 65 · IK 10 · 1,80 Kg · 3,00 Kg · LED INCL

100-240V Netzteil inbegriffen. Fertig für die Installation auf starrer Basis.
Jede Leuchte ist mit einem 200 mm langen Kabelabschnitt für den Anschluss im Beleuchtungskörper ausgestattet.
Eine Verbindung mit einem Verbindungssystem, IP68, 2-Wege-$H_2O$-Antikondensatz, 4-polig wird empfohlen ist separat zu bestellen.

100-240V power supply included. Ready for installation on solid surface.
Each luminaire is equipped with 200 mm cable for connection inside the luminaire body.
Reccomended connection wit a 2 way terminal block 4 poles IP68 $H_2O$ Stop, to be ordered separately.

**Power Led:** 8W - 783 lm ≠ FIXT 551 lm - 2700K/CRI 80 - 100-240V / 8W - 816 lm ≠ FIXT 580 lm - 3000K/CRI 80 - 100-240V / 8W - 873 lm ≠ FIXT 607 lm - 4000K/CRI 80 - 100-240V

**2700K**

Non Dimmable
- ○ F003B21A001
- ● F003B21A006
- ● F003B21A012
- ● F003B21A018
- ● F003B21A030
- ● F003B21A033
- ◐ F003B21A056

1-10V
- ○ F003B21B001
- ● F003B21B006
- ● F003B21B012
- ● F003B21B018
- ● F003B21B030
- ● F003B21B033
- ◐ F003B21B056

Dali
- ○ F003B21D001
- ● F003B21D006
- ● F003B21D012
- ● F003B21D018
- ● F003B21D030
- ● F003B21D033
- ◐ F003B21D056

**3000K**

Non Dimmable
- ○ F003B31A001
- ● F003B31A006
- ● F003B31A012
- ● F003B31A018
- ● F003B31A030
- ● F003B31A033
- ◐ F003B31A056

1-10V
- ○ F003B31B001
- ● F003B31B006
- ● F003B31B012
- ● F003B31B018
- ● F003B31B030
- ● F003B31B033
- ◐ F003B31B056

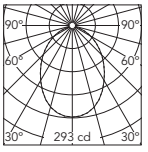
Dali
- ○ F003B31D001
- ● F003B31D006
- ● F003B31D012
- ● F003B31D018
- ● F003B31D030
- ● F003B31D033
- ◐ F003B31D056

**4000K**

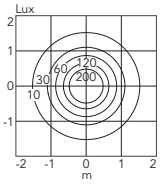
Non Dimmable
- ○ F003B41A001
- ● F003B41A006
- ● F003B41A012
- ● F003B41A018
- ● F003B41A030
- ● F003B41A033
- ◐ F003B41A056

1-10V
- ○ F003B41B001
- ● F003B41B006
- ● F003B41B012
- ● F003B41B018
- ● F003B41B030
- ● F003B41B033
- ◐ F003B41B056

Dali
- ○ F003B41D001
- ● F003B41D006
- ● F003B41D012
- ● F003B41D018
- ● F003B41D030
- ● F003B41D033
- ◐ F003B41D056



@4000K

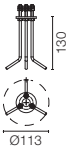



## Bellhop Bollard: Zubehörteile / Accessories

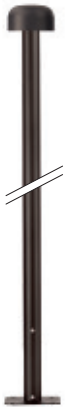
Stiftschraubenplatte. Base plate with bolt.

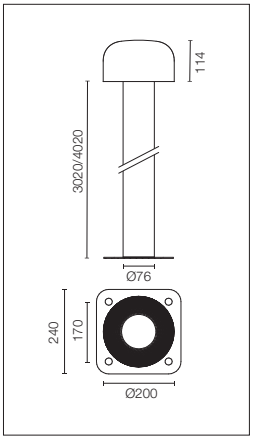
Bellhop Bollard Ø125

F003Z010000



## Bellhop Pole with base






IK 10 | IP 65 | ON REQUEST 15 Kg | LED INCL

220-240V Netzteil inbegriffen.
Fertig für die Installation auf starrer Basis.
Basisplatte als Zubehör verfügbar.Jede Leuchte ist mit einem 200 mm langen Kabelabschnitt für den Anschluss im Beleuchtungskörper ausgestattet.
Eine Verbindung mit einem Verbindungssystem, IP68, 2-Wege-$H_2O$-Antikondensatz, 4-polig wird empfohlen ist separat zu bestellen.
110V und dimmbare Versionen auf Anfrage erhältlich.

220-240V power supply included.
Ready for installation on solid surface.
Base plate available as accessory.
Each luminaire is equipped with 200 mm cable for connection inside the luminaire body.
Reccomended connection wit a 2 way terminal block 4 poles IP68 $H_2O$ Stop, to be ordered separately.
110V and dimmable versions available on request.

**Power Led:** 30W - 3090 lm ≠ FIXT 2490 lm - 2700K/CRI 80 - 220-240V / 30W - 3220 lm ≠ FIXT 2590 lm - 3000K/CRI 80 - 220-240V / 30W - 3430 lm ≠ FIXT 2760 lm - 4000K/CRI 80 - 220-240V

**2700K**

H 3020 mm
Non Dimmable
- F003H21A006
- F003H21A018
- F003H21A033

1-10V
- F003H21B006
- F003H21B018
- F003H21B033

Dali
- F003H21D006
- F003H21D018
- F003H21D033

**3000K**

H 3020 mm
Non Dimmable
- F003H31A006
- F003H31A018
- F003H31A033

1-10V
- F003H31B006
- F003H31B018
- F003H31B033

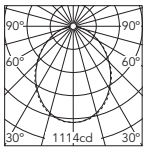
Dali
- F003H31D006
- F003H31D018
- F003H31D033

**4000K**

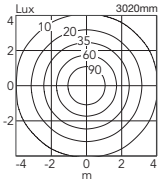
H 3020 mm
Non Dimmable
- F003H41A006
- F003H41A018
- F003H41A033

1-10V
- F003H41B006
- F003H41B018
- F003H41B033

Dali
- F003H41D006
- F003H41D018
- F003H41D033



@4000K




**2700K**

H 4020 mm
Non Dimmable
- F003L21A006
- F003L21A018
- F003L21A033

1-10V
- F003L21B006
- F003L21B018
- F003L21B033

Dali
- F003L21D006
- F003L21D018
- F003L21D033

**3000K**

H 4020 mm
Non Dimmable
- F003L31A006
- F003L31A018
- F003L31A033

1-10V
- F003L31B006
- F003L31B018
- F003L31B033

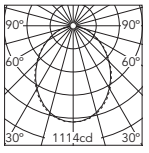
Dali
- F003L31D006
- F003L31D018
- F003L31D033

**4000K**

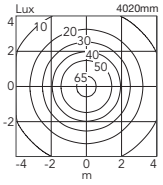
H 4020 mm
Non Dimmable
- F003L41A006
- F003L41A018
- F003L41A033

1-10V
- F003L41B006
- F003L41B018
- F003L41B033

Dali
- F003L41D006
- F003L41D018
- F003L41D033



@4000K



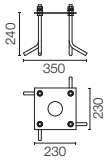

## Bellhop Pole: Zubehörteile / Accessories

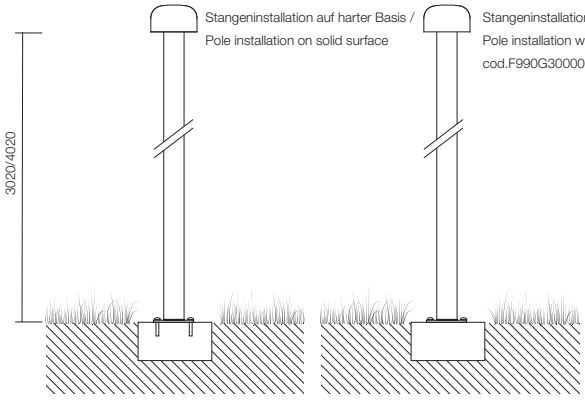
Basisplatte mit Schraube für Bellhop-Stange mit Basis.

Base plate with bolt for Bellhop Pole with base version.

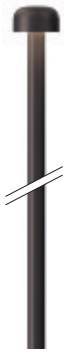
Bellhop Pole Ø200

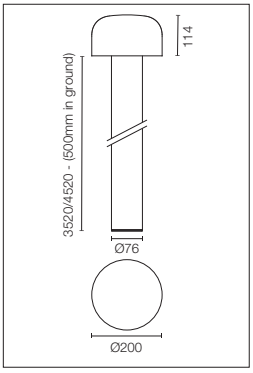
F990G300000

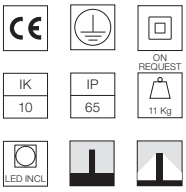


## Bellhop Pole Inground






220-240V Netzteil inbegriffen.
Für den Bodeneinbau tauglich.
Jede Leuchte ist mit einem 200 mm langen Kabelabschnitt für den Anschluss im Beleuchtungskörper ausgestattet.
Eine Verbindung mit einem Verbindungssystem, IP68, 2-Wege-$H_2O$-Antikondensatz, 4-polig wird empfohlen ist separat zu bestellen.
110V und dimmbare Versionen auf Anfrage erhältlich.

220-240V power supply included.
Ready for inground installation.
Each luminaire is equipped with 200 mm cable for connection inside the luminaire body.
Reccomended connection wit a 2 way terminal block 4 poles IP68 $H_2O$ Stop, to be ordered separately.
110V and dimmable versions available on request.

**Power Led:** 30W - 3090 lm ≠ FIXT 2490 lm - 2700K/CRI 80 - 220-240V / 30W - 3220 lm ≠ FIXT 2590 lm - 3000K/CRI 80 - 220-240V / 30W - 3430 lm ≠ FIXT 2760 lm - 4000K/CRI 80 - 220-240V

**2700K**

H 3520 mm
Non Dimmable

- F003G21A006
- F003G21A018
- F003G21A033

1-10V

- F003G21B006
- F003G21B033
- F003G21B018

Dali

- F003G21D006
- F003G21D018
- F003G21D033

**3000K**

H 3520 mm
Non Dimmable

- F003G31A006
- F003G31A018
- F003G31A033

1-10V

- F003G31B006
- F003G31B018
- F003G31B033

Dali

- F003G31D006
- F003G31D018
- F003G31D033

**4000K**

H 3520 mm
Non Dimmable

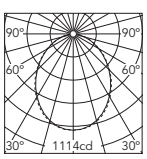
- F003G41A006
- F003G41A018
- F003G41A033

1-10V

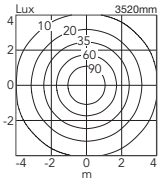
- F003G41B006
- F003G41B018
- F003G41B033

Dali

- F003G41D006
- F003G41D018
- F003G41D033




@4000K




**2700K**

H 4520 mm
Non Dimmable

- F003K21A006
- F003K21A018
- F003K21A033

1-10V

- F003K21B006
- F003K21B018
- F003K21B033

Dali

- F003K21D006
- F003K21D018
- F003K21D033

**3000K**

H 4520 mm
Non Dimmable

- F003K31A006
- F003K31A018
- F003K31A033

1-10V

- F003K31B006
- F003K31B018
- F003K31B033

Dali

- F003K31D006
- F003K31D018
- F003K31D033

**4000K**

H 4520 mm
Non Dimmable

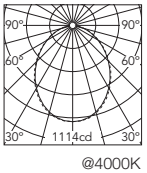
- F003K41A006
- F003K41A018
- F003K41A033

1-10V

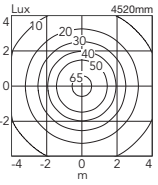
- F003K41B006
- F003K41B018
- F003K41B033

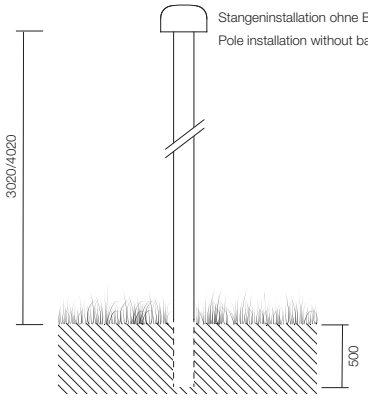
Dali

- F003K41D006
- F003K41D018
- F003K41D033




@4000K



## Bellhop Pole: Zubehörteile / Accessories

Verbindungssystem, IP68, 2-Wege-$H_2O$-Antikondensat, 4-polig, (ø5,5÷12mm Kabel).

2 way terminal block 4 poles IP68 $H_2O$ Stop. (ø5,5÷12mm cable).

Bellhop Wall / Bollard / Pole

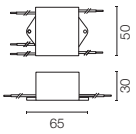
F990C00A000

Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66.

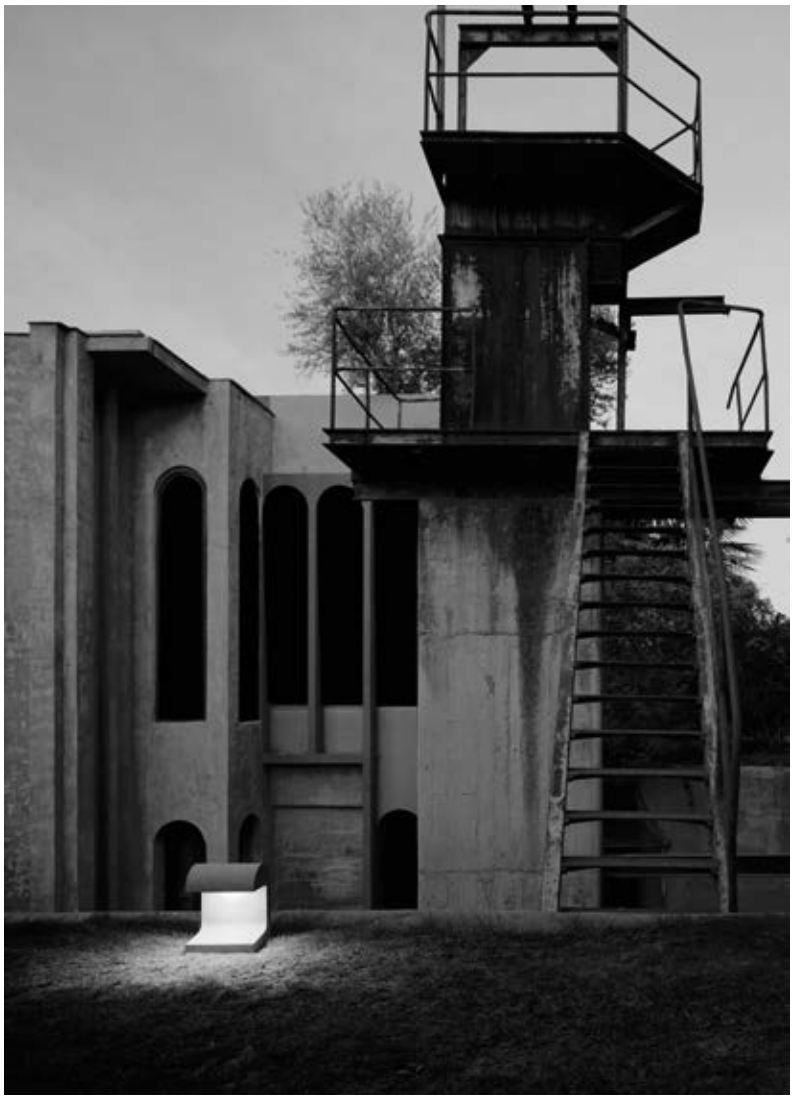
Bellhop Wall / Bollard / Pole

F990E00A000

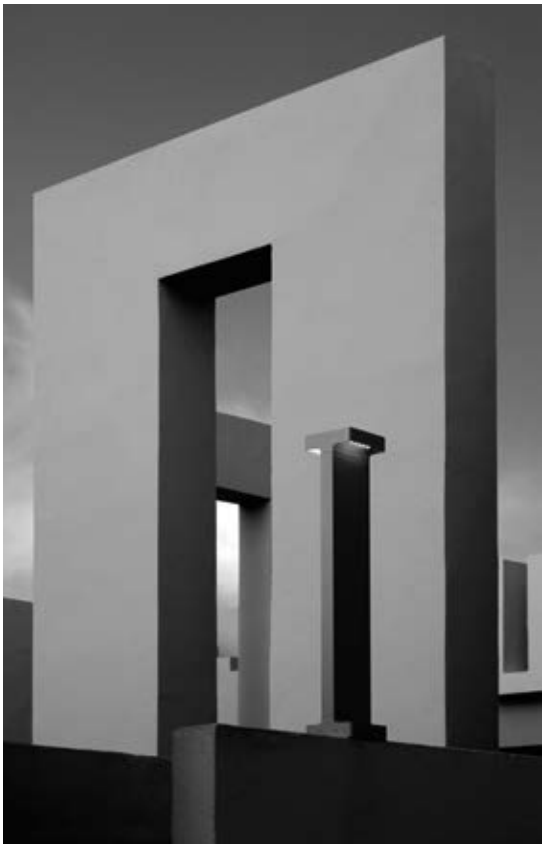


## Casting

Designed by Vincent Van Duysen



Casting Concrete



Casting T

## Familie / Family

Casting Concrete

**Power Led**
9W
427 lm - 2700K/CRI 80
513 lm - 3000K/CRI 80
526 lm - 4000K/CRI 80

Casting C

W: **100**
H: 200 / **500** / 700 mm

**Power Led**
7W
272 lm - 2700K/CRI 80
295 lm - 3000K/CRI 80
317 lm - 4000K/CRI 80

W: **150**
H: 250 / **500** / 850 mm

**Power Led**
12W
565 lm - 2700K/CRI 80
813 lm - 3000K/CRI 80
660 lm - 4000K/CRI 80

Casting T

W: **100**
H: 200 / **500** / 700 mm

**Power Led**
12W
2x272 lm - 2700K/CRI 80
2x295 lm - 3000K/CRI 80
2x317 lm - 4000K/CRI 80

W: **150**
H: 250 / **500** / 850 mm

**Power Led**
21W
2x565 lm - 2700K/CRI 80
2x813 lm - 3000K/CRI 80
2x660 lm - 4000K/CRI 80

## Ausführungen / Colours

Casting Concrete

89 Concrete

Casting C / T



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

33 Anthracite

Kollektion von Leuchtpaletten für den Außenbereich mit LED-Lichtquelle.

**Casting Concrete**
Der Körper der Version Concrete wird mittels Druck hergestellt, mit Betonguss aus Zement, inerten Feinaggregaten als Aggregate und Verstärkungsfasern. Jedes Produkt wird eigens aus handwerklicher Herstellung gefertigt: Minimale Unterschiede bei der Ästhetik und der Farbe zwischen den Geräten sind der Beweis für die Einzigartigkeit jeder Leuchte. Auf jedem Gerät ist ein Diffusor aus satiniertem Polycarbonat montiert, der an den Kühlkörper des Produkts festgeklebt ist, um die Wasserfestigkeit zu gewährleisten (UV-beständig, um die Vergilbung zu minimieren).
Das Gerät wird mit einem Ausgangskabelteil aus Neopren, einer elektrischen Anschlussausrüstung für ein mehrpoliges Einzelkabel und Dübeln für die Montage auf flachen und festen Oberflächen bereitgestellt. Die Halterungsplatte für die Installation auf Beton, Gussbelag oder auf Bodenplatten ist als Zubehör verfügbar.

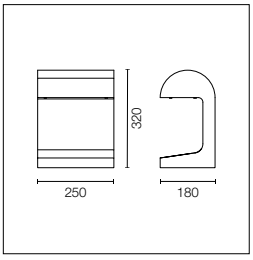
**Casting C/T**
Der Körper der Versionen C und T besteht aus extrudiertem Aluminium, die Basis und der Diffusor aus druckgegossenem, kupferarmem Aluminium EN AB-47100.
Beschichtung mit hoher Beständigkeit: Nach einer Sandstrahlungsbehandlung aller Bestandteile, damit die Oberfläche porös wird und eine bessere Haftung des Lacks gewährleistet wird, wird die Außenbeschichtung mit einer doppelten Pulverbeschichtung entsprechend dem QUALICOAT-Standard angewendet. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverendschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und Witterungseinflüssen sicher. Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer Behandlung zur chemischen Konversion unterzogen, um den Oxydationsschutz zu gewährleisten. Diffusor aus Glas, das an den Kühlkörper des Produkts festgeklebt ist, um die Wasserfestigkeit zu gewährleisten, und mikrotexturiert, damit die homogene und einheitliche Lichtverteilung garantiert werden kann.
Das Gerät wird mit einem Ausgangskabelteil aus Neopren bereitgestellt.

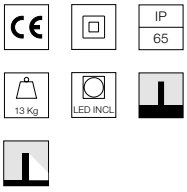
Collection of outdoor bollard lights with LED light source.

**Casting Concrete**
The body of the Round version is made from a mould, with poured concrete consisting of cement, fine inert materials for aggregating purposes, and reinforcing fibers. Each article is manufactured individually with a handcrafted process: minor aesthetic and color differences between one luminaire and another are the sign of the uniqueness of each lamp. Each luminaire has a frosted polycarbonate diffuser glued to the heat sink of the product to ensure a watertight seal (UV stabilized to minimise yellowing).
The luminaire is provided with a segment of outgoing cable in neoprene, with a kit of electrical connection for single multicore cable, and with dowels for installation on full and solid surfaces. The fixing plate for installation on cement paving, poured concrete, or on plinth is available as an accessory.

**Casting C/T**
The body of the versions C and T is made of extruded aluminum, base and diffuser in die-cast aluminum EN AB-47100 with a low copper content.
High-resistance coating: after a sandblasting treatment of all components to make the surface porous and ensure a greater adhesion of the paint, the external coating is applied with a double layer with epoxy powders according to the QUALICOAT standard. The first layer of epoxy powder gives chemical and mechanical resistance, the second finishing layer of polyester powder ensures resistance to UV rays and atmospheric agents. The painted surfaces are treated with alkaline and acidic washes, then rinsed with demineralized water, subjected to a chemical conversion treatment to protect against oxidation. A glass diffuser is glued to the heat sink of the product to ensure a watertight seal, micro-texturized to ensure homogeneous and uniform distribution of the light.
The luminaire is provided with a segment of outgoing cable in neoprene.

## Casting Concrete




220/240V Netzgerät inbegriffen.

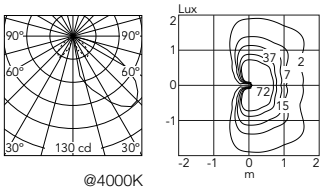
220/240V power supply integrated.

**Power Led:** 9W - 650 lm ≠ FIXT 427 lm - 2700K/CRI 80 - 220-240V / 9W - 780 lm ≠ FIXT 513 lm - 3000K/CRI 80 - 220-240V / 9W - 800 lm ≠ FIXT 526 lm - 4000K/CRI 80 - 220-240V

**2700K**
- F1330089.A

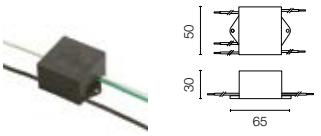
**3000K**
- F1331089.A

**4000K**
- F1332089.A.A

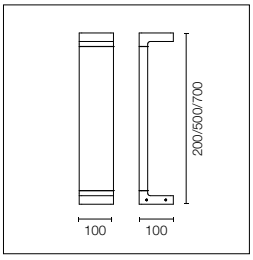


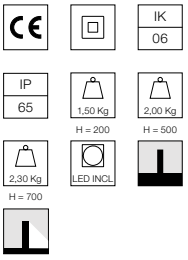

@4000K

## Casting Concrete: Zubehörteile / Accessories

| | | | |
|---|---|---|---|
| Stiftschraubenplatte. | Base plate with bolt. | F1209000 | |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |   |

## Casting C 100




110/240V Netzgerät inbegriffen.

110/240V power supply integrated.

**Power Led:** 7W - 540 lm ≠ FIXT 272 lm - 2700K/CRI 80 - 110-240V / 7W - 585 lm ≠ FIXT 295 lm - 3000K/CRI 80 - 110-240V / 7W - 630 lm ≠ FIXT 317 lm - 4000K/CRI 80 - 110-240V

**2700K**

H 200 mm
- F1210001
- F1210006
- F1210012
- F1210018
- F1210030
- F1210033

H 500 mm
- F1213001
- F1213006
- F1213012
- F1213018
- F1213030
- F1213033

H 700 mm
- F1216001
- F1216006
- F1216012
- F1216018
- F1216030
- F1216033

**3000K**

H 200 mm
- F1211001
- F1211006
- F1211012
- F1211018
- F1211030
- F1211033

H 500 mm
- F1214001
- F1214006
- F1214012
- F1214018
- F1214030
- F1214033

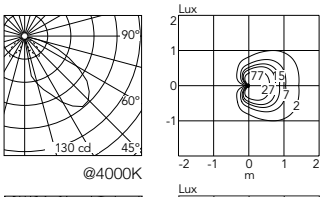
H 700 mm
- F1217001
- F1217006
- F1217012
- F1217018
- F1217030
- F1217033

**4000K**

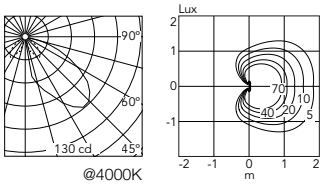
H 200 mm
- F1212001
- F1212006
- F1212012
- F1212018
- F1212030
- F1212033

H 500 mm
- F1215001
- F1215006
- F1215012
- F1215018
- F1215030
- F1215033

H 700 mm
- F1218001
- F1218006
- F1218012
- F1218018
- F1218030
- F1218033




@4000K

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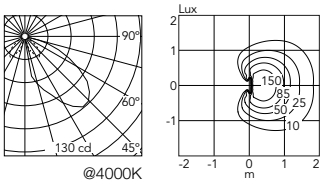
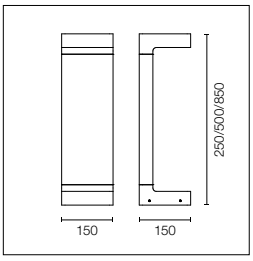
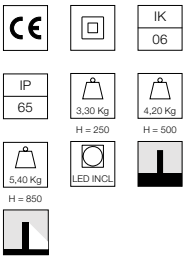



@4000K

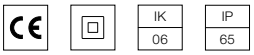
## Casting C 150




110/240V Netzgerät inbegriffen.

110/240V power supply integrated.




**Power Led:** 12W - 1080 lm ≠ FIXT 565 lm - 2700K/CRI 80 - 110-240V / 12W - 1170 lm ≠ FIXT 613 lm - 3000K/CRI 80 - 110-240V / 12W - 1260 lm ≠ FIXT 660 lm - 4000K/CRI 80 - 110-240V

### 2700K

H 250 mm - Non Dimmable

- F1230001
- F1230006
- F1230012
- F1230018
- F1230033
- F1230030

1-10V

- F1230001-310
- F1230006-310
- F1230012-310
- F1230018-310
- F1230030-310
- F1230033-310

Dali

- F1230001-300
- F1230006-300
- F1230012-300
- F1230018-300
- F1230030-300
- F1230033-300

### 3000K

H 250 mm - Non Dimmable

- F1231001
- F1231006
- F1231012
- F1231018
- F1231030
- F1231033

1-10V

- F1231001-310
- F1231006-310
- F1231012-310
- F1231018-310
- F1231030-310
- F1231033-310

Dali

- F1231001-300
- F1231006-300
- F1231012-300
- F1231018-300
- F1231030-300
- F1231033-300

### 4000K

H 250 mm - Non Dimmable

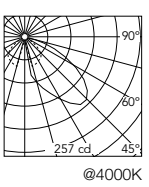
- F1232001
- F1232006
- F1232012
- F1232018
- F1232030
- F1232033

1-10V

- F1232001-310
- F1232006-310
- F1232012-310
- F1232018-310
- F1232030-310
- F1232033-310

Dali

- F1232001-300
- F1232006-300
- F1232012-300
- F1232018-300
- F1232030-300
- F1232033-300

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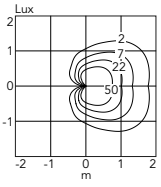



### 2700K

H 500 mm - Non Dimmable

- F1233001
- F1233006
- F1233012
- F1233018
- F1233030
- F1233033

1-10V

- F1233001-310
- F1233006-310
- F1233012-310
- F1233018-310
- F1233030-310
- F1233033-310

Dali

- F1233001-300
- F1233006-300
- F1233012-300
- F1233018-300
- F1233030-300
- F1233033-300

### 3000K

H 500 mm - Non Dimmable

- F1234001
- F1234006
- F1234012
- F1234018
- F1234030
- F1234033

1-10V

- F1234001-310
- F1234006-310
- F1234012-310
- F1234018-310
- F1234030-310
- F1234033-310

Dali

- F1234001-300
- F1234006-300
- F1234012-300
- F1234018-300
- F1234030-300
- F1234033-300

### 4000K

H 500 mm - Non Dimmable

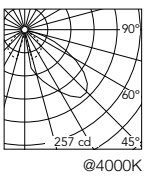
- F1235001
- F1235006
- F1235012
- F1235018
- F1235030
- F1235033

1-10V

- F1235001-310
- F1235006-310
- F1235012-310
- F1235018-310
- F1235030-310
- F1235033-310

Dali

- F1235001-300
- F1235006-300
- F1235012-300
- F1235018-300
- F1235030-300
- F1235033-300

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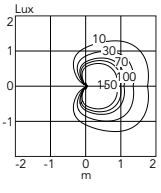



### 2700K

H 850 mm - Non Dimmable

- F1236001
- F1236006
- F1236012
- F1236018
- F1236030
- F1236033

1-10V

- F1236001-310
- F1236006-310
- F1236012-310
- F1236018-310
- F1236030-310
- F1236033-310

Dali

- F1236001-300
- F1236006-300
- F1236012-300
- F1236018-300
- F1236030-300
- F1236033-300

### 3000K

H 850 mm - Non Dimmable

- F1237001
- F1237006
- F1237012
- F1237018
- F1237030
- F1237033

1-10V

- F1237001-310
- F1237006-310
- F1237012-310
- F1237018-310
- F1237030-310
- F1237033-310

Dali

- F1237001-300
- F1237006-300
- F1237012-300
- F1237018-300
- F1237030-300
- F1237033-300

### 4000K

H 850 mm - Non Dimmable

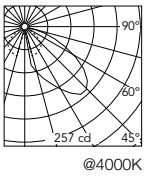
- F1238001
- F1238006
- F1238012
- F1238018
- F1238030
- F1238033

1-10V

- F1238001-310
- F1238006-310
- F1238012-310
- F1238018-310
- F1238030-310
- F1238033-310

Dali

- F1238001-300
- F1238006-300
- F1238012-300
- F1238018-300
- F1238030-300
- F1238033-300

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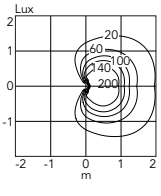

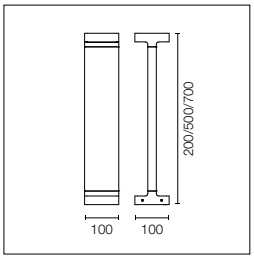


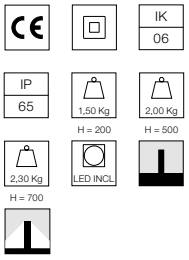


110/240V Netzgerät inbegriffen.

110/240V power supply integrated.

**Power Led:** 12W - 2x540 lm ≠ FIXT 2x272 lm - 2700K/CRI 80 - 110-240V / 12W - 2x585 lm ≠ FIXT 2x295 lm - 3000K/CRI 80 - 110-240V / 12W - 2x630 lm ≠ FIXT 2x317 lm - 4000K/CRI 80 - 110-240V

**2700K**

H 200 mm
- F1250001
- F1250006
- F1250012
- F1250018
- F1250030
- F1250033

H 500 mm
- F1253001
- F1253006
- F1253012
- F1253018
- F1253030
- F1253033

H 700 mm
- F1256001
- F1256006
- F1256012
- F1256018
- F1256030
- F1256033

**3000K**

H 200 mm
- F1251001
- F1251006
- F1251012
- F1251018
- F1251030
- F1251033

H 500 mm
- F1254001
- F1254006
- F1254012
- F1254018
- F1254030
- F1254033

H 700 mm
- F1257001
- F1257006
- F1257012
- F1257018
- F1257030
- F1257033

**4000K**

H 200 mm
- F1252001
- F1252006
- F1252012
- F1252018
- F1252030
- F1252033

H 500 mm
- F1255001
- F1255006
- F1255012
- F1255018
- F1255030
- F1255033

H 700 mm
- F1258001
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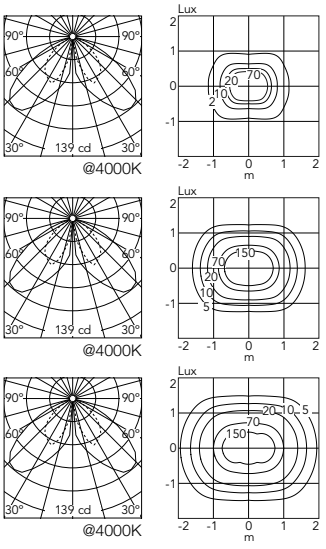
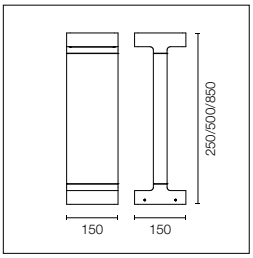
- F1258018
- F1258030
- F1258033



## Casting T 150




IP 65 · IK 06 · 3,50 Kg H = 250 · 4,50 Kg H = 500 · 5,60 Kg H = 850 · LED INCL

220/240V Netzgerät inbegriffen.
Auf Anfrage 110-V-Version.

220/240V power supply integrated. Version 110V upon request.

**Power Led:** 21W - 2x1080 lm ≠ FIXT 2x565 lm - 2700K/CRI 80 - 220-240V / 21W - 2x1170 lm ≠ FIXT 2x613 lm - 3000K/CRI 80 - 220-240V / 21W - 2x1260 lm ≠ FIXT 2x660 lm - 4000K/CRI 80 - 220-240V

### 2700K

H 250 mm - Non Dimmable

- F1270001
- F1270006
- F1270012
- F1270018
- F1270030
- F1270033

1-10V

- F1270001-310
- F1270006-310
- F1270012-310
- F1270018-310
- F1270030-310
- F1270033-310

Dali

- F1270001-300
- F1270006-300
- F1270012-300
- F1270018-300
- F1270030-300
- F1270033-300

### 3000K

H 250 mm - Non Dimmable

- F1271001
- F1271006
- F1271012
- F1271018
- F1271030
- F1271033

1-10V

- F1271001-310
- F1271006-310
- F1271012-310
- F1271018-310
- F1271030-310
- F1271033-310

Dali

- F1271001-300
- F1271006-300
- F1271012-300
- F1271018-300
- F1271030-300
- F1271033-300

### 4000K

H 250 mm - Non Dimmable

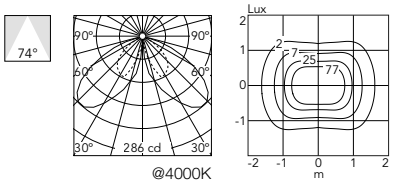
- F1272001
- F1272006
- F1272012
- F1272018
- F1272030
- F1272033

1-10V

- F1272001-310
- F1272006-310
- F1272012-310
- F1272018-310
- F1272030-310
- F1272033-310

Dali

- F1272001-300
- F1272006-300
- F1272012-300
- F1272018-300
- F1272030-300
- F1272033-300




### 2700K

H 500 mm - Non Dimmable

- F1273001
- F1273006
- F1273012
- F1273018
- F1273030
- F1273033

1-10V

- F1273001-310
- F1273006-310
- F1273012-310
- F1273018-310
- F1273030-310
- F1273033-310

Dali

- F1273001-300
- F1273006-300
- F1273012-300
- F1273018-300
- F1273030-300
- F1273033-300

### 3000K

H 500 mm - Non Dimmable

- F1274001
- F1274006
- F1274012
- F1274018
- F1274030
- F1274033

1-10V

- F1274001-310
- F1274006-310
- F1274012-310
- F1274018-310
- F1274030-310
- F1274033-310

Dali

- F1274001-300
- F1274006-300
- F1274012-300
- F1274018-300
- F1274030-300
- F1274033-300

### 4000K

H 500 mm - Non Dimmable

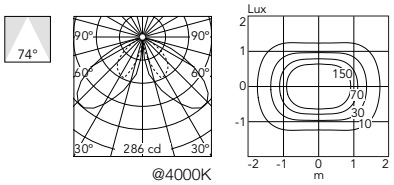
- F1275001
- F1275006
- F1275012
- F1275018
- F1275030
- F1275033

1-10V

- F1275001-310
- F1275006-310
- F1275012-310
- F1275018-310
- F1275030-310
- F1275033-310

Dali

- F1275001-300
- F1275006-300
- F1275012-300
- F1275018-300
- F1275030-300
- F1275033-300




### 2700K

H 850 mm - Non Dimmable

- F1276001
- F1276006
- F1276012
- F1276018
- F1276030
- F1276033

1-10V

- F1276001-310
- F1276006-310
- F1276012-310
- F1276018-310
- F1276030-310
- F1276033-310

Dali

- F1276001-300
- F1276006-300
- F1276012-300
- F1276018-300
- F1276030-300
- F1276033-300

### 3000K

H 850 mm - Non Dimmable

- F1277001
- F1277006
- F1277012
- F1277018
- F1277030
- F1277033

1-10V

- F1277001-310
- F1277006-310
- F1277012-310
- F1277018-310
- F1277030-310
- F1277033-310

Dali

- F1277001-300
- F1277006-300
- F1277012-300
- F1277018-300
- F1277030-300
- F1277033-300

### 4000K

H 850 mm - Non Dimmable

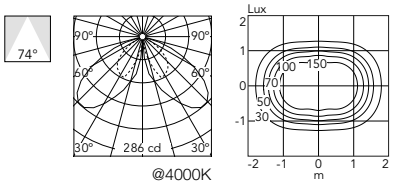
- F1278001
- F1278006
- F1278012
- F1278018
- F1278030
- F1278033

1-10V

- F1278001-310
- F1278006-310
- F1278012-310
- F1278018-310
- F1278030-310
- F1278033-310

Dali

- F1278001-300
- F1278006-300
- F1278012-300
- F1278018-300
- F1278030-300
- F1278033-300



## Casting T/C: Zubehörteile / Accessories

| | | | |
|---|---|---|---|
| Stiftschraubenplatte. | Base plate with bolt. | Casting 100<br>F1208000<br>Casting 150<br>F1207000 | |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 | |

## Walkstick / Wallstick

Designed by Antonio Citterio

Walkstick 2 Double

Walkstick Pipe

## Familie / Family

Wallstick

**Power Led**
2,5W
185 lm - 2700K/CRI 80
199 lm - 3000K/CRI 80
212 lm - 4000K/CRI 80

Walkstick Pipe

**Power Led**
7W
483 lm - 2700K/CRI 80
496 lm - 3000K/CRI 80
529 lm - 4000K/CRI 80

Walkstick

**Power Led**
6W
333 lm - 2700K/CRI 80
358 lm - 3000K/CRI 80
382 lm - 4000K/CRI 80

Walkstick Double

**Power Led**
8,5W
333+185 lm - 2700K/CRI 80
358+199 lm - 3000K/CRI 80
382+212 lm - 4000K/CRI 80

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

33 Anthracite

**Walkstick Pipe**
Pfahlleuchten-Kollektion für den Außenbereich mit LED-Lichtquelle und rohrförmigem Kopf, der auf der vertikalen Achse um 350° und auf der horizontalen Achse um 350° verstellbar ist. In zwei verschiedenen Höhen verfügbar.
Der Ständer und der Kopf bestehen aus extrudiertem Aluminium und die Basis ist aus druckgegossenem Aluminium mit niedrigem Kupfergehalt hergestellt.
Erhältlich in zwei verschiedenen Ausführungen mit einer doppelten Pulverbeschichtung gemäß QUALICOAT-Standard. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverendschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und korrosiven Witterungseinflüssen sicher. Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer chemischen Umwandlung unterzogen, um den Oxidationsschutz zu gewährleisten.
Die Befestigungsschrauben sind aus Edelstahl AISI 316L hergestellt.
Diffusor aus geätztem Glas für eine gleichmäßige Lichtstreuung am Boden.
Das Gerät wird mit einem Ausgangskabelteil aus Neopren bereitgestellt.
Es kann einfach mit Dübeln auf jedem Untergrund auf dem Boden oder mit dem speziellen, separat bestellbaren Einbaugehäuse angebracht werden, um die Produktbasis fest mit dem Boden zu verbinden.

**Walkstick**
Pfahlleuchten-Kollektion für den Außenbereich mit LED-Lichtquelle und aufgeweitetem Kopf, der auf der vertikalen Achse um 350° verstellbar ist. In zwei verschiedenen Höhen erhältlich und mit einer oder zwei Leuchten kombinierbar.
Der Ständer besteht aus extrudiertem Aluminium, die Basis und der Kopf sind aus druckgegossenem Aluminium EN AB-47100 mit niedrigem Kupfergehalt hergestellt.
Erhältlich in zwei verschiedenen Ausführungen mit einer doppelten Pulverbeschichtung gemäß QUALICOAT-Standard. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverendschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und korrosiven Witterungseinflüssen sicher. Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer chemischen Umwandlung unterzogen, um den Oxydationsschutz zu gewährleisten.
Die Befestigungsschrauben sind aus Edelstahl AISI 316L hergestellt.
Diffusor aus mikrostrukturiertem Glas für eine gleichmäßige Lichtverteilung auf dem Boden.
Es kann einfach mit Dübeln auf jedem Untergrund auf dem Boden oder mit dem speziellen, separat bestellbaren Einbaugehäuse angebracht werden, um die Produktbasis fest mit dem Boden zu verbinden.

**Wallstick**
Wandwegeleuchte für den Außenbereich mit LED-Lichtquelle und aufgeweitetem Kopf, der auf der vertikalen Achse um 350° verstellbar ist. Der Leuchtkörper ist aus druckgegossenem, kupferarmem Aluminium mit geringem Kupfergehalt hergestellt.
Erhältlich in zwei verschiedenen Ausführungen mit einer doppelten Pulverbeschichtung gemäß QUALICOAT-Standard. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverendschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und korrosiven Witterungseinflüssen sicher. Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer chemischen Umwandlung unterzogen, um den Oxydationsschutz zu gewährleisten.
Die Befestigungsschrauben sind aus Edelstahl AISI 316L hergestellt.
Diffusor aus mikrostrukturiertem Glas für eine gleichmäßige Lichtverteilung auf dem Boden.
Das Gerät wird mit zwei 200-mm-Ausgangsstromkabeln und einer Ausrüstung für einen IP-dichten Anschluss bereitgestellt.
Die Stromversorgung (24 V) kann extern installiert werden.
Für eine einfachere Montage ist das optionale Einbaugehäuse erhältlich (3-Modul-Anschlussdose, Modell 503).

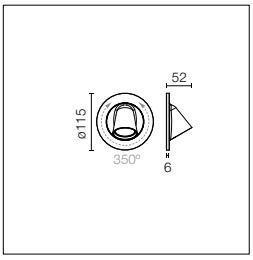
## Description

**Walkstick Pipe**
Collection of outdoor poles with LED light source and tubular head that can be adjusted 350° on the vertical and horizontal axes. Available in two different heights.
The stem and head are made of extruded aluminium; the base is made of die-cast aluminium with low copper content.
Available in different finishes with a double layer of powder coating according to the QUALICOAT standard. The first layer of epoxy powder confers chemical and mechanical resistance. The second layer, a polyester powder finish, ensures resistance to UV rays and corrosive atmospheric agents. The painted surfaces are treated with alkiline and acid washes, rinsed with demineralized water, and subjected to chemical conversion treatment to protect against rust.
The anchoring hardware is made of AISI 316L stainless steel.
Diffuser made of acid-etched glass to guarantee a uniform wash of light on the ground.
The unit is supplied with a length of neoprene cable.
The unit may be easily installed on any flooring on the ground with anchors, or with the dedicated installation box to completely integrate the base of the product with the pavement.

**Walkstick**
Collection of outdoor poles with LED light source and tubular head that can be adjusted vertically 350°. Available in two different heights combined with the one- or two-light version.
The stem is made of extruded aluminium; the base and head are made of EN AB-47100 die-cast aluminium with low copper content.
Available in different finishes with a double layer of powder coating according to the QUALICOAT standard. The first layer of epoxy powder confers chemical and mechanical resistance. The second layer, a polyester powder finish, ensures resistance to UV rays and corrosive atmospheric agents. The painted surfaces are treated with alkiline and acid washes, rinsed with demineralized water, and subjected to chemical conversion treatment to protect against rust.
The anchoring hardware is made of AISI 316L stainless steel.
Diffuser in micro-textured glass to guarantee uniform light distribution on the ground.
The unit may be easily installed on any flooring on the ground with anchors, or with the dedicated installation box to completely integrate the base of the product with the pavement.

**Wallstick**
Wall-mounted outdoor footpath lights with LED light source and flared head that can be adjusted vertically 350°.
The body is made of die-cast aluminium with low copper content.
Available in different finishes with a double layer of powder coating according to the QUALICOAT standard. The first layer of epoxy powder confers chemical and mechanical resistance. The second layer, a polyester powder finish, ensures resistance to UV rays and corrosive atmospheric agents. The painted surfaces are treated with alkiline and acid washes, rinsed with demineralized water, and subjected to chemical conversion treatment to protect against rust.
The anchoring hardware is made of AISI 316L stainless steel.
Diffuser in micro-textured glass to guarantee uniform light distribution on the ground.
The light comes with two 2-m power cables and with a kit for IP-rated connection.
The 24V electrical power supply can be installed remotely. For easier installation, an optional box (sold separately) is available (3-module junction box, model 503).

## Wallstick




IP 66 · IK 04 · 350° · 0,3 Kg · LED INCL

LED-Lichtquelle im Lieferumfang enthalten. Der Kopf des Geräts kann auf der vertikalen Achse um 350° verstellt werden. Die externe Stromversorgung (24 V) ist separat zu bestellen. Das Gerät wird mit zwei 200-mm-Ausgangsstromkabeln und einer Ausrüstung für einen IP-dichten Anschluss bereitgestellt. Das Netzteil kann extern montiert werden (kein Einbaugehäuse erforderlich) oder mit einem speziellen, optionalen Einbaugehäuse hinter dem Gerät untergebracht werden.

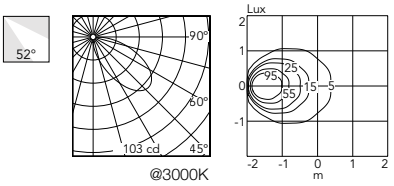
LED light source included. Head adjustable 350° on the vertical axis. Remote 24V electrical power unit sold separately. Unit comes with two 200-mm-long outgoing power cables and a kit for IP-rated connection. The power supply may be installed remotely (installation box not necessary) or housed behind the unit with the optional installation box.

**Power Led:** 2,5W - 264 lm ≠ FIXT 185 lm - 2700K/CRI 80 - 24V / 2,5W - 283 lm ≠ FIXT 199 lm - 3000K/CRI 80 - 24V / 2,5W - 303 lm ≠ FIXT 212 lm - 4000K/CRI 80 - 24V

**2700K**
PWM Dimmable
- ○ F010A20H001
- ● F010A20H006
- ● F010A20H012
- ● F010A20H018
- ● F010A20H030
- ● F010A20H033

**3000K**
PWM Dimmable
- ○ F010A30H001
- ● F010A30H006
- ● F010A30H012
- ● F010A30H018
- ● F010A30H030
- ● F010A30H033

**4000K**
PWM Dimmable
- ○ F010A40H001
- ● F010A40H006
- ● F010A40H012
- ● F010A40H018
- ● F010A40H030
- ● F010A40H033




* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

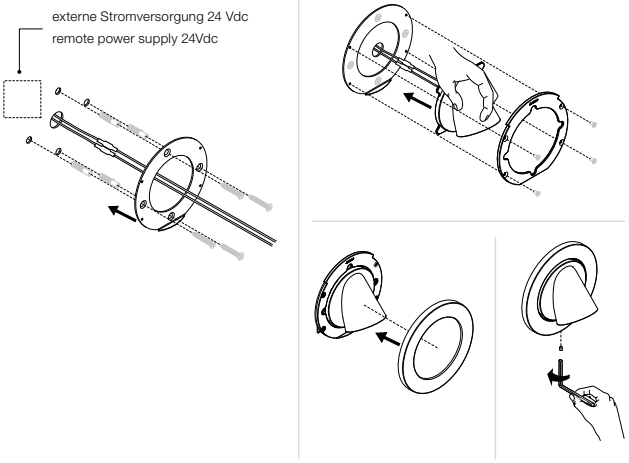
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| Non Dimmable | | Dimmable | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. F990B02A000 | 7 |
| Acc. RF25748 | 1 | Acc. F990B03A000 | 7 |
| Acc. RF25747 | 2 | Acc. F990B04A000 | 13 |
| Acc. RF25757 | 2 | Acc. F990B05A000 | 13 |
| Acc. F990B23AZ00 | 7 | | |
| Acc. RF25755 | 9 | | |
| Acc. RF25749 | 13 | | |

## Wandmontage / Installation on Wall

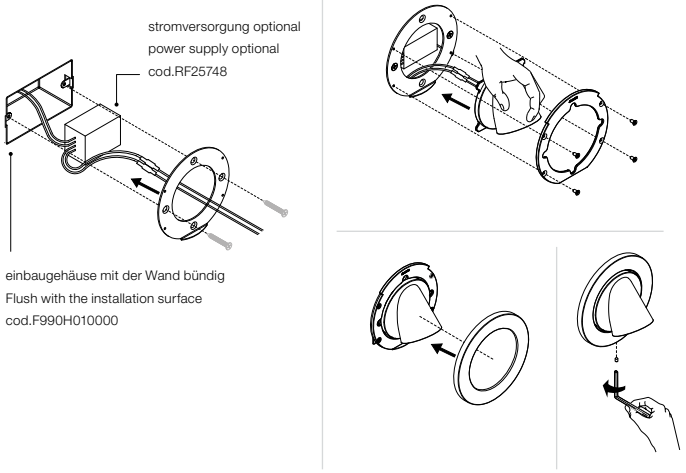
Option 1

Ohne Einbaugehäuse / Without recessed box installation.

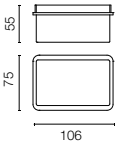



Option 2

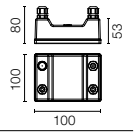
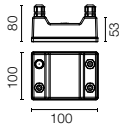
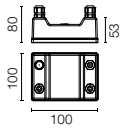
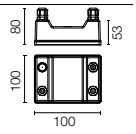
Mit Einbaugehäuse / Recessed box installation



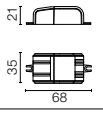
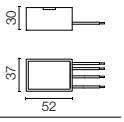
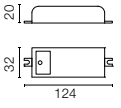
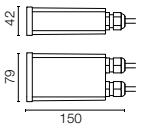
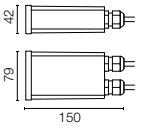
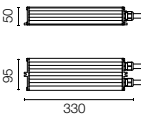
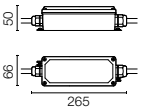
## Wallstick: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Eingebaute 3-Modul-Anschlussdose (Modell 503), 106x75 mm, H 55 mm. | Recessed 3-module junction box (model 503) 106 mm x 75 mm H 55 mm. | F990H010000 | |   |
| Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel). Kann nicht in das Einbaugehäuse für die Installation platziert werden. | 2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable). It can't be placed in the recessed box for installation. | F990C050000 | | |

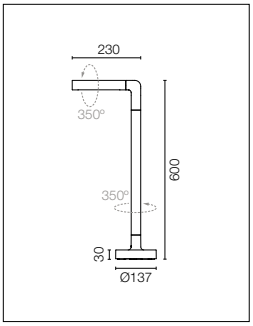
## Wallstick: Power Supply Dimmable

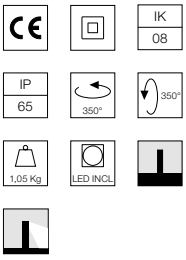
| | | | | |
|---|---|---|---|---|
| Netzgerät 120/270Vac / 24Vdc. 1-10V PWM control. IP67. | Power supply 120/270Vac / 24Vdc. 1-10V PWM control. IP67. | 35W *F990B02A000 70W *F990B04A000 | |   |
| Netzgerät 120/270Vac / 24Vdc. DALI PWM control. IP67. | Power supply 120/270Vac / 24Vdc. DALI PWM control. IP67. | 35W *F990B03A000 70W *F990B05A000 | |   |
| 1-10V PWM-Steuerungsschnittstelle 24Vdc 120W. IP67. Netzgerät nicht eingeschlossen. | 1-10V PWM control interface 24Vdc 120W. IP67. Power supply not included. | F990B00A000 | |   |
| DALI PWM-Steuerungsschnittstelle 24Vdc 120W. IP67. Netzgerät nicht eingeschlossen. | DALI PWM control interface 24Vdc 120W. IP67. Power supply not included. | F990B01A000 | |   |

## Wallstick: Power Supply Non Dimmable

| | | | | |
|---|---|---|---|---|
| Netzgerät 24V 8W / 110-240V IP20 Klasse II selv. | Power supply 24V 8W / 110-240V IP20 Class II selv. | *RF25754 | |   |
| Netzgerät 24V 8W / 110-240V IP65 Klasse II selv. | Power supply 24V 8W / 110-240V IP65 Class II selv. | *RF25748 | |   |
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | *RF25747 | |   |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 | |   |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | *F990B23AZ00 | |   |
| Netzgerät 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |   |
| Netzgerät 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |   |

## Walkstick Pipe 1




220-240V Netzgerät inbegriffen. Für Installation auf einer harten Basis bereit.
Das Gehäuse für die Bodeninstallation ist separat zu bestellen.
Inklusive Verbindungssystem, IP 68, 2-Wege-$H_2O$-Antikondensat, 4-polig.
Auf Anfrage 110V Version.

220-240V power supply included. Ready for installation on solid surface. Box for ground installation to be ordered separately.
Included 2 way terminal block 4 poles IP68 $H_2O$ Stop.
Version 110V upon request.

**Power Led:** 7W - 622 lm ≠ FIXT 483 lm - 2700K/CRI 80 - 220-240V / 7W - 648 lm ≠ FIXT 496 lm - 3000K/CRI 80 - 220-240V / 7W - 693 lm ≠ FIXT 529 lm - 4000K/CRI 80 - 220-240V

**2700K**
Non Dimmable
- F010H21A001
- F010H21A006
- F010H21A012
- F010H21A018
- F010H21A030
- F010H21A033

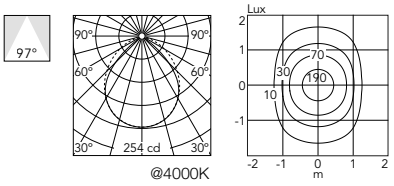
1-10V
- F010H21B001
- F010H21B006
- F010H21B012
- F010H21B018
- F010H21B030
- F010H21B033

**3000K**
Non Dimmable
- F010H31A001
- F010H31A006
- F010H31A012
- F010H31A018
- F010H31A030
- F010H31A033

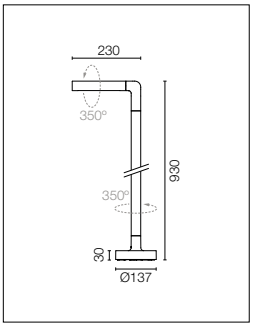
1-10V
- F010H31B001
- F010H31B006
- F010H31B012
- F010H31B018
- F010H31B030
- F010H31B033

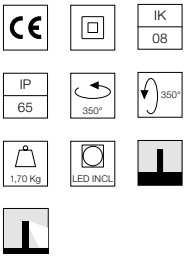
**4000K**
Non Dimmable
- F010H41A001
- F010H41A006
- F010H41A012
- F010H41A018
- F010H41A030
- F010H41A033

1-10V
- F010H41B001
- F010H41B006
- F010H41B012
- F010H41B018
- F010H41B030
- F010H41B033




## Walkstick Pipe 2




220-240V Netzgerät inbegriffen. Für Installation auf einer harten Basis bereit.
Das Gehäuse für die Bodeninstallation ist separat zu bestellen.
Inklusive Verbindungssystem, IP 68, 2-Wege-$H_2O$-Antikondensat, 4-polig.
Auf Anfrage 110-V-Version.

220-240V power supply included. Ready for installation on solid surface. Box for ground installation to be ordered separately.
Included 2 way terminal block 4 poles IP68 $H_2O$ Stop.
Version 110V upon request.

**Power Led:** 7W - 622 lm ≠ FIXT 483 lm - 2700K/CRI 80 - 220-240V / 7W - 648 lm ≠ FIXT 496 lm - 3000K/CRI 80 - 220-240V / 7W - 693 lm ≠ FIXT 529 lm - 4000K/CRI 80 - 220-240V

**2700K**
Non Dimmable
- F010J21A001
- F010J21A006
- F010J21A012
- F010J21A018
- F010J21A030
- F010J21A033

1-10V
- F010J21B001
- F010J21B006
- F010J21B012
- F010J21B018
- F010J21B030
- F010J21B033

Dali
- F010J21D001
- F010J21D006
- F010J21D012
- F010J21D018
- F010J21D030
- F010J21D033

**3000K**
Non Dimmable
- F010J31A001
- F010J31A006
- F010J31A012
- F010J31A018
- F010J31A030
- F010J31A033

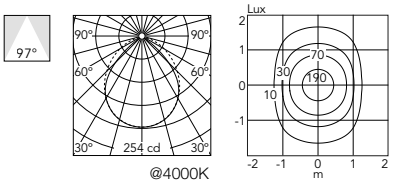
1-10V
- F010J31B001
- F010J31B006
- F010J31B012
- F010J31B018
- F010J31B030
- F010J31B033

Dali
- F010J31D001
- F010J31D006
- F010J31D012
- F010J31D018
- F010J31D030
- F010J31D033

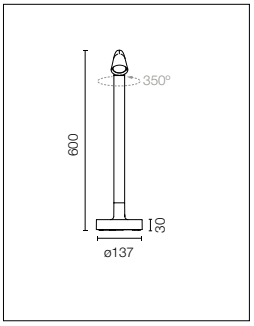
**4000K**
Non Dimmable
- F010J41A001
- F010J41A006
- F010J41A012
- F010J41A018
- F010J41A030
- F010J41A033

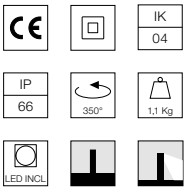
1-10V
- F010J41B001
- F010J41B006
- F010J41B012
- F010J41B018
- F010J41B030
- F010J41B033

Dali
- F010J41D001
- F010J41D006
- F010J41D012
- F010J41D018
- F010J41D030
- F010J41D033



## Walkstick 1




LED-Lichtquelle im Lieferumfang enthalten. Der Kopf des Geräts kann auf der vertikalen Achse um 350° und auf der horizontalen Achse um 350° verstellt werden. Integriertes 220-240-V-Netzteil zum Ein-/ Ausschalten. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-$H_2O$-Kondensationsschutzsystem (IP68). Optionales, separat bestellbares Einbaugehäuse für die Bodenmontage.
110-V-Version auf Anfrage erhältlich.

LED light source included. Head adjustable 350° on both the vertical and horizontal axes. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation $H_2O$ stop seal system. Box for ground installation sold separately. 110V version by request.

**Power Led:** 6W - 502 lm ≠ FIXT 333 lm - 2700K/CRI 80 - 220-240V / 6W - 539 lm ≠ FIXT 358 lm - 3000K/CRI 80 - 220-240V / 6W - 577 lm ≠ FIXT 382 lm - 4000K/CRI 80 - 220-240V

**2700K**
Non Dimmable
- ○ F010B21A001
- F010B21A006
- F010B21A012
- F010B21A018
- F010B21A030
- F010B21A033

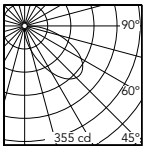
1-10V
- ○ F010B21B001
- F010B21B006
- F010B21B012
- F010B21B018
- F010B21B030
- F010B21B033

**3000K**
Non Dimmable
- ○ F010B31A001
- F010B31A006
- F010B31A012
- F010B31A018
- F010B31A030
- F010B31A033

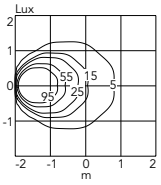
1-10V
- ○ F010B31B001
- F010B31B006
- F010B31B012
- F010B31B018
- F010B31B030
- F010B31B033

**4000K**
Non Dimmable
- ○ F010B41A001
- F010B41A006
- F010B41A012
- F010B41A018
- F010B41A030
- F010B41A033

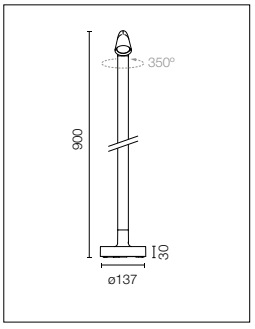
1-10V
- ○ F010B41B001
- F010B41B006
- F010B41B012
- F010B41B018
- F010B41B030
- F010B41B033

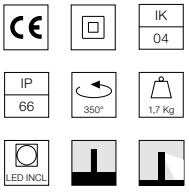



@3000K




## Walkstick 2




LED-Lichtquelle im Lieferumfang enthalten. Der Kopf des Geräts kann auf der vertikalen Achse um 350° und auf der horizontalen Achse um 350° verstellt werden. 220-240-V-Netzteil zum Ein-/ Ausschalten und 1-10V Dimmer oder DALI integriert. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-$H_2O$-Kondensationsschutzsystem (IP68). Optionales, separat bestellbares Einbaugehäuse für die Bodenmontage.
110-V-Version auf Anfrage erhältlich.

LED light source included. Head adjustable 350° on both the vertical and horizontal axes. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation $H_2O$ stop seal system. Box for ground installation sold separately. 110V version by request.

**Power Led:** 6W - 502 lm ≠ FIXT 333 lm - 2700K/CRI 80 - 220-240V / 6W - 539 lm ≠ FIXT 358 lm - 3000K/CRI 80 - 220-240V / 6W - 577 lm ≠ FIXT 382 lm - 4000K/CRI 80 - 220-240V

**2700K**
Non Dimmable
- ○ F010B22A001
- F010B22A006
- F010B22A012
- F010B22A018
- F010B22A030
- F010B22A033

1-10V
- ○ F010B22B001
- F010B22B006
- F010B22B012
- F010B22B018
- F010B22B030
- F010B22B033

Dali
- ○ F010B22D001
- F010B22D006
- F010B22D012
- F010B22D018
- F010B22D030
- F010B22D033

**3000K**
Non Dimmable
- ○ F010B32A001
- F010B32A006
- F010B32A012
- F010B32A018
- F010B32A030
- F010B32A033

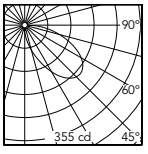
1-10V
- ○ F010B32B001
- F010B32B006
- F010B32B012
- F010B32B018
- F010B32B030
- F010B32B033

Dali
- ○ F010B32D001
- F010B32D006
- F010B32D012
- F010B32D018
- F010B32D030
- F010B32D033

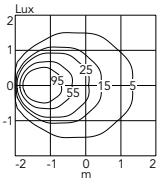
**4000K**
Non Dimmable
- ○ F010B42A001
- F010B42A006
- F010B42A012
- F010B42A018
- F010B42A030
- F010B42A033

1-10V
- ○ F010B42B001
- F010B42B006
- F010B42B012
- F010B42B018
- F010B42B030
- F010B42B033

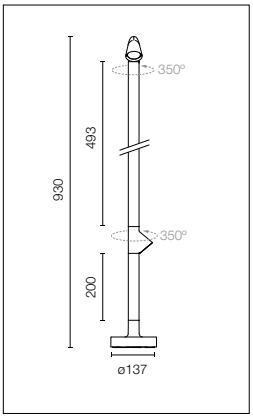
Dali
- ○ F010B42D001
- F010B42D006
- F010B42D012
- F010B42D018
- F010B42D030
- F010B42D033

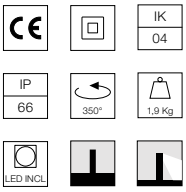



@3000K



## Walkstick 2 Double




Doppelte LED-Lichtquelle im Lieferumfang enthalten. Lampenköpfe können unabhängig voneinander auf der vertikalen Achse um 350° und auf der horizontalen Achse um 350° verstellt werden. 220-240-V-Netzteil zum Ein-/Ausschalten und 1-10V Dimmer oder DALI integriert. Ausgestattet mit einem Ausgangskabelteil aus Neopren und einem 2-Wege-$H_2O$-Kondensationsschutzsystem (IP68). Optionales, separat bestellbares Einbaugehäuse für die Bodenmontage.
110V Version auf Anfrage erhältlich.

Dual LED light source included. Heads independently adjustable 350° on both the vertical and horizontal axes. Integrated 220-240V ON/OFF and 1-10V or DALI dimmable electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation $H_2O$ stop seal system. Box for ground installation sold separately.
110V version by request.

**Power Led:** 8,5W - 502+264 lm ≠ FIXT 333+185 lm - 2700K/CRI 80 - 220-240V / 8,5W - 539+283 lm ≠ FIXT 358+199 lm - 3000K/CRI 80 - 220-240V / 8,5W - 577+303 lm ≠ FIXT 382+212 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- F010C22A001
- F010C22A006
- F010C22A012
- F010C22A018
- F010C22A030
- F010C22A033

1-10V
- F010C22B001
- F010C22B006
- F010C22B012
- F010C22B018
- F010C22B030
- F010C22B033

Dali
- F010C22D001
- F010C22D006
- F010C22D012
- F010C22D018
- F010C22D030
- F010C22D033

**3000K**

Non Dimmable
- F010C32A001
- F010C32A006
- F010C32A012
- F010C32A018
- F010C32A030
- F010C32A033

1-10V
- F010C32B001
- F010C32B006
- F010C32B012
- F010C32B018
- F010C32B030
- F010C32B033

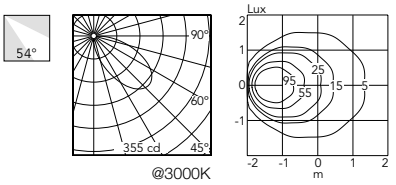
Dali
- F010C32D001
- F010C32D006
- F010C32D012
- F010C32D018
- F010C32D030
- F010C32D033

**4000K**

Non Dimmable
- F010C42A001
- F010C42A006
- F010C42A012
- F010C42A018
- F010C42A030
- F010C42A033

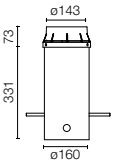
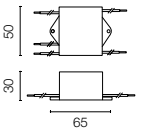
1-10V
- F010C42B001
- F010C42B006
- F010C42B012
- F010C42B018
- F010C42B030
- F010C42B033

Dali
- F010C42D001
- F010C42D006
- F010C42D012
- F010C42D018
- F010C42D030
- F010C42D033



@3000K

## Walkstick: Zubehörteile / Accessories

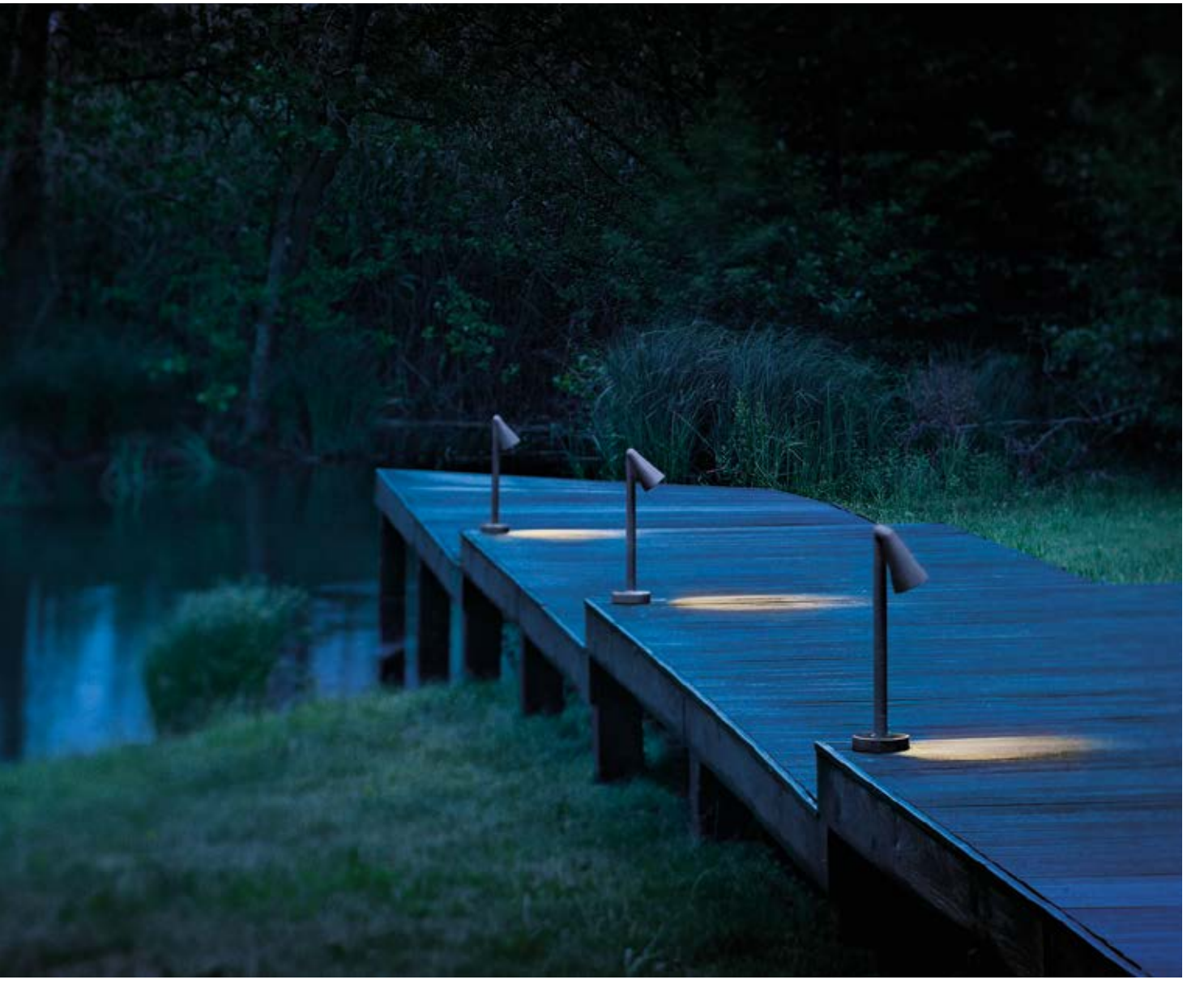
| | | | | |
|---|---|---|---|---|
| Box für die Bodeninstallation. | Box for ground installation. | F001Z020000 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 | |  |

# Belvedere

Designed by Antonio Citterio assistant Toan Nguyen

Belvedere Clove

Belvedere  Spot



## Familie / Family

Belvedere Clove

**Power Led**
8,4W
631 lm - 2700K/CRI 80
657 lm - 3000K/CRI 80
703 lm - 4000K/CRI 80

Belvedere Spot

**Power Led**
6W
425 lm - 2700K/CRI 80
440 lm - 3000K/CRI 80
473 lm - 4000K/CRI 80

Belvedere Spot Wall

**Power Led**
6W
425 lm - 2700K/CRI 80
440 lm - 3000K/CRI 80
473 lm - 4000K/CRI 80

## Ausführungen / Colours

01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

33 Anthracite

**Belvedere Spot**
Familie von verstellbaren LED-Außenleuchten (doppelte Drehung, vertikale und horizontale Achse), geeignet für Bodeninstallationen (eben oder erdverlegt) und mit integriertem Netzteilkasten.

**Belvedere Spot Wall**
Außenleuchte bestehend aus einem bis zu 350°±5° schwenkbaren Projektor an der Horizontalachse, geeignet für Wandinstallationen und mit integriertem Netzteilkasten.

**Belvedere Clove**
Familie von Outdoor-Produkten, bestehend aus Leuchten mit einem Mast von zwei verschiedenen Höhen und geeignet für Bodeninstallationen (am Boden oder vergraben) und mit integriertem Netzteilkasten.

Verwenden Sie ein Anschlusssystem mit einem Schutzgrad, der gleich oder höher als der Schutzgrad des Geräts ist.

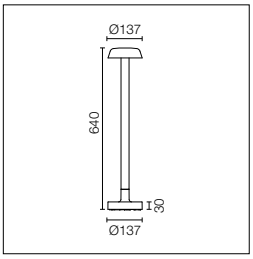
**Belvedere Spot**
Family of adjustable outdoor LED lighting luminaires (double rotation, vertical and horizontal axle) suitable for floor installations (ground or buried) and with integrated power supply box.

**Belvedere Spot Wall**
Outdoor luminaire consisting of an adjustable projector for up to 350°±5° on the horizontal axle suitable for wall installations and with integrated power supply box.

**Belvedere Clove**
Family of outdoor products consisting of luminaires with a pole of two different heights and suitable for floor installations (ground or buried) and with integrated power supply box.

We recommend using a connection system with a degree of protection greater than or equal to the degree of protection of the luminaire.

## Belvedere Clove 1




IP 65 · 1,70 Kg · IK 08 · LED INCL

220-240V Netzgerät inbegriffen.
Für Installation auf einer harten Basis bereit.
Das Gehäuse für die Bodeninstallation ist separat zu bestellen.
Inklusive Verbindungssystem, IP 68, 2-Wege-H2O-Antikondensat, 4-polig.
Auf Anfrage 110-V-Version.

220-240V power supply included. Ready for installation on solid surface. Box for ground installation to be ordered separately.
Included 2 way terminal block 4 poles IP68 H2O Stop.
Version 110V upon request.

**Power Led:** 8,4W - 783 lm ≠ FIXT 631 lm - 2700K/CRI 80 - 220-240V / 8,4W - 816 lm ≠ FIXT 657 lm - 3000K/CRI 80 - 220-240V / 8,4W - 873 lm ≠ FIXT 703 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ F001A21A001
- ● F001A21A006
- ● F001A21A012
- ● F001A21A018
- ● F001A21A030
- ● F001A21A033

1-10V
- ○ F001A21B001
- ● F001A21B006
- ● F001A21B012
- ● F001A21B018
- ● F001A21B030
- ● F001A21B033

Dali
- ○ F001A21D001
- ● F001A21D006
- ● F001A21D012
- ● F001A21D018
- ● F001A21D030
- ● F001A21D033

**3000K**

Non Dimmable
- ○ F001A31A001
- ● F001A31A006
- ● F001A31A012
- ● F001A31A018
- ● F001A31A030
- ● F001A31A033

1-10V
- ○ F001A31B001
- ● F001A31B006
- ● F001A31B012
- ● F001A31B018
- ● F001A31B030
- ● F001A31B033

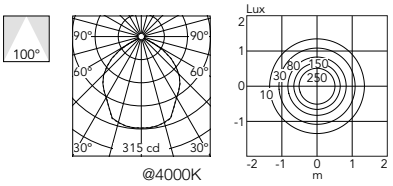
Dali
- ○ F001A31D001
- ● F001A31D006
- ● F001A31D012
- ● F001A31D018
- ● F001A31D030
- ● F001A31D033

**4000K**

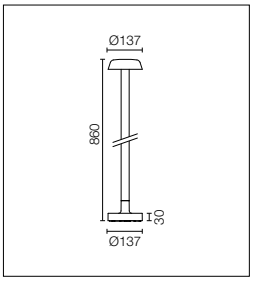
Non Dimmable
- ○ F001A41A001
- ● F001A41A006
- ● F001A41A012
- ● F001A41A018
- ● F001A41A030
- ● F001A41A033

1-10V
- ○ F001A41B001
- ● F001A41B006
- ● F001A41B012
- ● F001A41B018
- ● F001A41B030
- ● F001A41B033

Dali
- ○ F001A41D001
- ● F001A41D006
- ● F001A41D012
- ● F001A41D018
- ● F001A41D030
- ● F001A41D033




## Belvedere Clove 2




IP 65 · 2,10 Kg · IK 08 · LED INCL

220-240V Netzgerät inbegriffen.
Für Installation auf einer harten Basis bereit.
Das Gehäuse für die Bodeninstallation ist separat zu bestellen.
Inklusive Verbindungssystem, IP 68, 2-Wege-H2O-Antikondensat, 4-polig.
Auf Anfrage 110-V-Version.

220-240V power supply included. Ready for installation on solid surface. Box for ground installation to be ordered separately.
Included 2 way terminal block 4 poles IP68 H2O Stop.
Version 110V upon request.

**Power Led:** 8,4W - 783 lm ≠ FIXT 631 lm - 2700K/CRI 80 - 220-240V / 8,4W - 816 lm ≠ FIXT 657 lm - 3000K/CRI 80 - 220-240V / 8,4W - 873 lm ≠ FIXT 703 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ F001B21A001
- ● F001B21A006
- ● F001B21A012
- ● F001B21A018
- ● F001B21A030
- ● F001B21A033

1-10V
- ○ F001B21B001
- ● F001B21B006
- ● F001B21B012
- ● F001B21B018
- ● F001B21B030
- ● F001B21B033

Dali
- ○ F001B21D001
- ● F001B21D006
- ● F001B21D012
- ● F001B21D018
- ● F001B21D030
- ● F001B21D033

**3000K**

Non Dimmable
- ○ F001B31A001
- ● F001B31A006
- ● F001B31A012
- ● F001B31A018
- ● F001B31A030
- ● F001B31A033

1-10V
- ○ F001B31B001
- ● F001B31B006
- ● F001B31B012
- ● F001B31B018
- ● F001B31B030
- ● F001B31B033

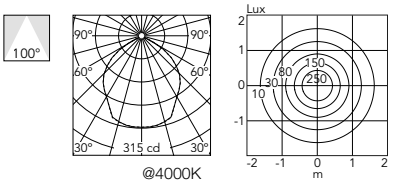
Dali
- ○ F001B31D001
- ● F001B31D006
- ● F001B31D012
- ● F001B31D018
- ● F001B31D030
- ● F001B31D033

**4000K**

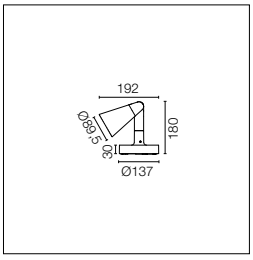
Non Dimmable
- ○ F001B41A001
- ● F001B41A006
- ● F001B41A012
- ● F001B41A018
- ● F001B41A030
- ● F001B41A033

1-10V
- ○ F001B41B001
- ● F001B41B006
- ● F001B41B012
- ● F001B41B018
- ● F001B41B030
- ● F001B41B033

Dali
- ○ F001B41D001
- ● F001B41D006
- ● F001B41D012
- ● F001B41D018
- ● F001B41D030
- ● F001B41D033



## Belvedere Spot Floor 1




CE | IK 04 | IP 65 | 350° | 350° | 1,05 Kg | LED INCL

220-240V Netzgerät inbegriffen.
Für Installation auf einer harten Basis bereit.
Das Gehäuse für die Bodeninstallation ist separat zu bestellen.
Inklusive Verbindungssystem, IP 68, 2-Wege-H2O-Antikondensat, 4-polig.
24V Dimmbare Version auf Anfrage verfügbar.

220-240V power supply included. Ready for installation on solid surface. Box for ground installation to be ordered separately.
Included 2 way terminal block 4 poles IP68 H2O Stop.
24V Dimmable version available on request.

**Power Led:** 6W - 513 lm ≠ *FIXT 425 lm - 2700K/CRI 80 - 220-240V / 6W - 530 lm ≠ *FIXT 440 lm - 3000K/CRI 80 - 220-240V / 6W - 570 lm ≠ *FIXT 473 lm - 4000K/CRI 80 - 220-240V
*FIXT lm = Spot Optic

**2700K**

Non Dimmable

- ○ F001C21A001 .A
- ● F001C21A006 .A
- ● F001C21A012 .A
- ● F001C21A018 .A
- ● F001C21A030.A
- ● F001C21A033 .A

**3000K**

Non Dimmable

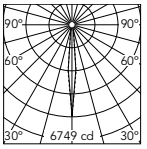
- ○ F001C31A001
- ● F001C31A006
- ● F001C31A012
- ● F001C31A018
- ● F001C31A030
- ● F001C31A033

**4000K**

Non Dimmable

- ○ F001C41A001
- ● F001C41A006
- ● F001C41A012
- ● F001C41A018
- ● F001C41A030
- ● F001C41A033

10° SPOT




@4000K

| Beam Angle: | | 10° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 6749 | 0.17 |
| 2 | 1687 | 0.34 |
| 3 | 750 | 0.51 |
| 4 | 422 | 0.68 |
| 5 | 270 | 0.84 |

**2700K**

Non Dimmable

- ○ F001C22A001.A
- ● F001C22A006.A
- ● F001C22A012.A
- ● F001C22A018.A
- ● F001C22A030.A
- ● F001C22A033.A

**3000K**

Non Dimmable

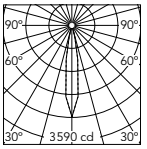
- ○ F001C32A001
- ● F001C32A006
- ● F001C32A012
- ● F001C32A018
- ● F001C32A030
- ● F001C32A033

**4000K**

Non Dimmable

- ○ F001C42A001
- ● F001C42A006
- ● F001C42A012
- ● F001C42A018
- ● F001C42A030
- ● F001C42A033

17° MEDIUM




@4000K

| Beam Angle: | | 17° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 3590 | 0.29 |
| 2 | 897 | 0.59 |
| 3 | 399 | 0.88 |
| 4 | 224 | 1.18 |
| 5 | 144 | 1.47 |

**2700K**

Non Dimmable

- ○ F001C23A001.A
- ● F001C23A006.A
- ● F001C23A012.A
- ● F001C23A018.A
- ● F001C23A030.A
- ● F001C23A033.A

**3000K**

Non Dimmable

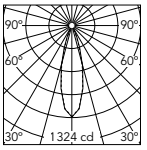
- ○ F001C33A001
- ● F001C33A006
- ● F001C33A012
- ● F001C33A018
- ● F001C33A030
- ● F001C33A033

**4000K**

Non Dimmable

- ○ F001C43A001
- ● F001C43A006
- ● F001C43A012
- ● F001C43A018
- ● F001C43A030
- ● F001C43A033

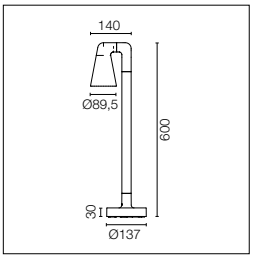
28° FLOOD

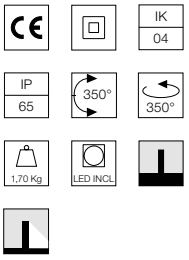



@4000K

| Beam Angle: | | 28° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 1324 | 0.50 |
| 2 | 331 | 1.01 |
| 3 | 147 | 1.51 |
| 4 | 83 | 2.01 |
| 5 | 53 | 2.51 |

## Belvedere Spot Floor 2




220-240V Netzgerät inbegriffen.
Für Installation auf einer harten Basis bereit.
Das Gehäuse für die Bodeninstallation ist separat zu bestellen.
Inklusive Verbindungssystem, IP 68, 2-Wege-H2O-Antikondensat, 4-polig.
Auf Anfrage 110-V-Version.

220-240V power supply included. Ready for installation on solid surface. Box for ground installation to be ordered separately.
Included 2 way terminal block 4 poles IP68 H2O Stop.
Version 110V upon request.

**Power Led:** 6W - 513 lm ≠ *FIXT 425 lm - 2700K/CRI 80 - 220-240V / 6W - 530 lm ≠ *FIXT 440 lm - 3000K/CRI 80 - 220-240V / 6W - 570 lm ≠ *FIXT 473 lm - 4000K/CRI 80 - 220-240V
*FIXT lm = Spot Optic

**2700K**

Non Dimmable
- ○ F001D21A001.A
- ● F001D21A006.A
- ● F001D21A012.A
- ● F001D21A018.A
- ● F001D21A030.A
- ● F001D21A033.A

1-10V
- ○ F001D21B001.A
- ● F001D21B006.A
- ● F001D21B012.A
- ● F001D21B018.A
- ● F001D21B030.A
- ● F001D21B033.A

**3000K**

Non Dimmable
- ○ F001D31A001
- ● F001D31A006
- ● F001D31A012
- ● F001D31A018
- ● F001D31A030
- ● F001D31A033

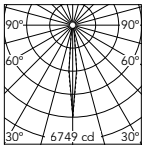
1-10V
- ○ F001D31B001
- ● F001D31B006
- ● F001D31B012
- ● F001D31B018
- ● F001D31B030
- ● F001D31B033

**4000K**

Non Dimmable
- ○ F001D41A001
- ● F001D41A006
- ● F001D41A012
- ● F001D41A018
- ● F001D41A030
- ● F001D41A033

1-10V
- ○ F001D41B001
- ● F001D41B006
- ● F001D41B012
- ● F001D41B018
- ● F001D41B030
- ● F001D41B033

10°
SPOT




@4000K

| Beam Angle: | | 10° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 6749 | 0.17 |
| 2 | 1687 | 0.34 |
| 3 | 750 | 0.51 |
| 4 | 422 | 0.68 |
| 5 | 270 | 0.84 |

**2700K**

Non Dimmable
- ○ F001D22A001.A
- ● F001D22A006.A
- ● F001D22A012.A
- ● F001D22A018.A
- ● F001D22A030.A
- ● F001D22A033.A

1-10V
- ○ F001D22B001.A
- ● F001D22B006.A
- ● F001D22B033.A
- ● F001D22B030.A
- ● F001D22B018.A
- ● F001D22B012.A

**3000K**

Non Dimmable
- ○ F001D32A001
- ● F001D32A006
- ● F001D32A012
- ● F001D32A018
- ● F001D32A030
- ● F001D32A033

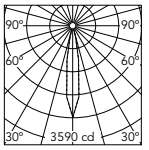
1-10V
- ○ F001D32B001
- ● F001D32B006
- ● F001D32B012
- ● F001D32B018
- ● F001D32B030
- ● F001D32B033

**4000K**

Non Dimmable
- ○ F001D42A001
- ● F001D42A006
- ● F001D42A012
- ● F001D42A018
- ● F001D42A030
- ● F001D42A033

1-10V
- ○ F001D42B001
- ● F001D42B006
- ● F001D42B012
- ● F001D42B018
- ● F001D42B030
- ● F001D42B033

17°
MEDIUM




@4000K

| Beam Angle: | | 17° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 3590 | 0.29 |
| 2 | 897 | 0.59 |
| 3 | 399 | 0.88 |
| 4 | 224 | 1.18 |
| 5 | 144 | 1.47 |

**2700K**

Non Dimmable
- ○ F001D23A001.A
- ● F001D23A006.A
- ● F001D23A012.A
- ● F001D23A018.A
- ● F001D23A030.A
- ● F001D23A033.A

1-10V
- ○ F001D23B001.A
- ● F001D23B006.A
- ● F001D23B012.A
- ● F001D23B018.A
- ● F001D23B030.A
- ● F001D23B033.A

**3000K**

Non Dimmable
- ○ F001D33A001
- ● F001D33A006
- ● F001D33A012
- ● F001D33A018
- ● F001D33A030
- ● F001D33A033

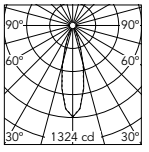
1-10V
- ○ F001D33B001
- ● F001D33B006
- ● F001D33B012
- ● F001D33B018
- ● F001D33B030
- ● F001D33B033

**4000K**

Non Dimmable
- ○ F001D43A001
- ● F001D43A006
- ● F001D43A012
- ● F001D43A018
- ● F001D43A030
- ● F001D43A033

1-10V
- ○ F001D43B001
- ● F001D43B006
- ● F001D43B012
- ● F001D43B018
- ● F001D43B030
- ● F001D43B033

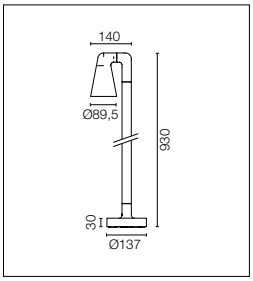
28°
FLOOD

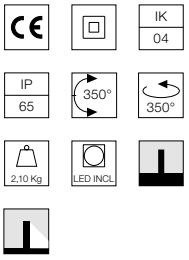



@4000K

| Beam Angle: | | 28° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 1324 | 0.50 |
| 2 | 331 | 1.01 |
| 3 | 147 | 1.51 |
| 4 | 83 | 2.01 |
| 5 | 53 | 2.51 |

## Belvedere Spot Floor 3




220-240V Netzgerät inbegriffen.
Für Installation auf einer harten Basis bereit.
Das Gehäuse für die Bodeninstallation ist separat zu bestellen.
Inklusive Verbindungssystem, IP 68, 2-Wege-H2O-Antikondensat, 4-polig.
Auf Anfrage 110-V-Version.

220-240V power supply included. Ready for installation on solid surface. Box for ground installation to be ordered separately.
Included 2 way terminal block 4 poles IP68 H2O Stop.
Version 110V upon request.

**Power Led:** 6W - 513 lm ≠ *FIXT 425 lm - 2700K/CRI 80 - 220-240V / 6W - 530 lm ≠ *FIXT 440 lm - 3000K/CRI 80 - 220-240V / 6W - 570 lm ≠ *FIXT 473 lm - 4000K/CRI 80 - 220-240V
*FIXT lm = Spot Optic

### 2700K

Non Dimmable
- ○ F001E21A001.A
- ● F001E21A006.A
- ● F001E21A012.A
- ● F001E21A018.A
- ● F001E21A030.A
- ● F001E21A033.A

1-10V
- ○ F001E21B001.A
- ● F001E21B006.A
- ● F001E21B012.A
- ● F001E21B018.A
- ● F001E21B030.A
- ● F001E21B033.A

Dali
- ○ F001E21D001.A
- ● F001E21D006.A
- ● F001E21D012.A
- ● F001E21D018.A
- ● F001E21D030.A
- ● F001E21D033.A

### 3000K

Non Dimmable
- ○ F001E31A001
- ● F001E31A006
- ● F001E31A012
- ● F001E31A018
- ● F001E31A030
- ● F001E31A033

1-10V
- ○ F001E31B001
- ● F001E31B006
- ● F001E31B012
- ● F001E31B018
- ● F001E31B030
- ● F001E31B033

Dali
- ○ F001E31D001
- ● F001E31D006
- ● F001E31D012
- ● F001E31D018
- ● F001E31D030
- ● F001E31D033

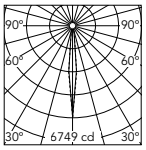
### 4000K

Non Dimmable
- ○ F001E41A001
- ● F001E41A006
- ● F001E41A012
- ● F001E41A018
- ● F001E41A030
- ● F001E41A033

1-10V
- ○ F001E41B001
- ● F001E41B006
- ● F001E41B012
- ● F001E41B018
- ● F001E41B030
- ● F001E41B033

Dali
- ○ F001E41D001
- ● F001E41D006
- ● F001E41D012
- ● F001E41D018
- ● F001E41D030
- ● F001E41D033

10°
SPOT




@4000K

| Beam Angle: | 10° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 6749 0.17 |
| 2 | 1687 0.34 |
| 3 | 750 0.51 |
| 4 | 422 0.68 |
| 5 | 270 0.84 |

### 2700K

Non Dimmable
- ○ F001E22A001.A
- ● F001E22A006.A
- ● F001E22A012.A
- ● F001E22A018.A
- ● F001E22A030.A
- ● F001E22A033.A

1-10V
- ○ F001E22B001.A
- ● F001E22B006.A
- ● F001E22B012.A
- ● F001E22B018.A
- ● F001E22B030.A
- ● F001E22B033.A

Dali
- ○ F001E22D001.A
- ● F001E22D006.A
- ● F001E22D012.A
- ● F001E22D018.A
- ● F001E22D030.A
- ● F001E22D033.A

### 3000K

Non Dimmable
- ○ F001E32A001
- ● F001E32A006
- ● F001E32A012
- ● F001E32A018
- ● F001E32A030
- ● F001E32A033

1-10V
- ○ F001E32B001
- ● F001E32B006
- ● F001E32B012
- ● F001E32B018
- ● F001E32B030
- ● F001E32B033

Dali
- ○ F001E32D001
- ● F001E32D006
- ● F001E32D012
- ● F001E32D018
- ● F001E32D030
- ● F001E32D033

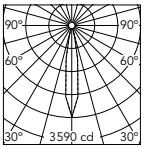
### 4000K

Non Dimmable
- ○ F001E42A001
- ● F001E42A006
- ● F001E42A012
- ● F001E42A018
- ● F001E42A030
- ● F001E42A033

1-10V
- ○ F001E42B001
- ● F001E42B006
- ● F001E42B012
- ● F001E42B018
- ● F001E42B030
- ● F001E42B033

Dali
- ○ F001E42D001
- ● F001E42D006
- ● F001E42D012
- ● F001E42D018
- ● F001E42D030
- ● F001E42D033

17°
MEDIUM




@4000K

| Beam Angle: | 17° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 3590 0.29 |
| 2 | 897 0.59 |
| 3 | 399 0.88 |
| 4 | 224 1.18 |
| 5 | 144 1.47 |

### 2700K

Non Dimmable
- ○ F001E23A001.A
- ● F001E23A006.A
- ● F001E23A012.A
- ● F001E23A018.A
- ● F001E23A030.A
- ● F001E23A033.A

1-10V
- ○ F001E23B001.A
- ● F001E23B006.A
- ● F001E23B012.A
- ● F001E23B018.A
- ● F001E23B030.A
- ● F001E23B033.A

Dali
- ○ F001E23D001.A
- ● F001E23D006.A
- ● F001E23D012.A
- ● F001E23D018.A
- ● F001E23D030.A
- ● F001E23D033.A

### 3000K

Non Dimmable
- ○ F001E33A001
- ● F001E33A006
- ● F001E33A012
- ● F001E33A018
- ● F001E33A030
- ● F001E33A033

1-10V
- ○ F001E33B001
- ● F001E33B006
- ● F001E33B012
- ● F001E33B018
- ● F001E33B030
- ● F001E33B033

Dali
- ○ F001E33D001
- ● F001E33D006
- ● F001E33D012
- ● F001E33D018
- ● F001E33D030
- ● F001E33D033

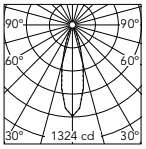
### 4000K

Non Dimmable
- ○ F001E43A001
- ● F001E43A006
- ● F001E43A012
- ● F001E43A018
- ● F001E43A030
- ● F001E43A033

1-10V
- ○ F001E43B001
- ● F001E43B006
- ● F001E43B012
- ● F001E43B018
- ● F001E43B030
- ● F001E43B033

Dali
- ○ F001E43D001
- ● F001E43D006
- ● F001E43D012
- ● F001E43D018
- ● F001E43D030
- ● F001E43D033

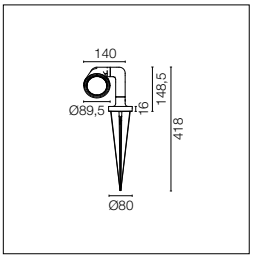
28°
FLOOD

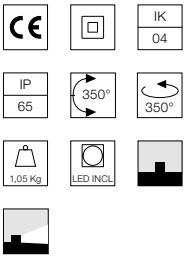



@4000K

| Beam Angle: | 28° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 1324 0.50 |
| 2 | 331 1.01 |
| 3 | 147 1.51 |
| 4 | 83 2.01 |
| 5 | 53 2.51 |

## Belvedere Spot Pick




220-240V Netzgerät inbegriffen.
Inklusive Verbindungssystem, IP 68, 2-Wege-H2O-Antikondensat, 4-polig.
24V Dimmbare Version auf Anfrage verfügbar.
Auf Anfrage 110-V-Version.

220-240V power supply included. Included 2 way terminal block 4 poles IP68 H2O Stop.
24V Dimmable version available on request.
Version 110V upon request.

**Power Led:** 6W - 513 lm ≠ *FIXT 425 lm - 2700K/CRI 80 - 220-240V / 6W - 530 lm ≠ *FIXT 440 lm - 3000K/CRI 80 - 220-240V / 6W - 570 lm ≠ *FIXT 473 lm - 4000K/CRI 80 - 220-240V
*FIXT lm = Spot Optic

**2700K**

Non Dimmable

- F001F21A001.A
- F001F21A006.A
- F001F21A012.A
- F001F21A018.A
- F001F21A030.A
- F001F21A033.A

**3000K**

Non Dimmable

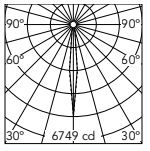
- F001F31A001
- F001F31A006
- F001F31A012
- F001F31A018
- F001F31A030
- F001F31A033

**4000K**

Non Dimmable

- F001F41A001
- F001F41A006
- F001F41A012
- F001F41A018
- F001F41A030
- F001F41A033

10°
SPOT




@4000K

Beam Angle: 10°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 6749 | 0.17 |
| 2 | 1687 | 0.34 |
| 3 | 750 | 0.51 |
| 4 | 422 | 0.68 |
| 5 | 270 | 0.84 |

**2700K**

Non Dimmable

- F001F22A001.A
- F001F22A006.A
- F001F22A012.A
- F001F22A018.A
- F001F22A030.A
- F001F22A033.A

**3000K**

Non Dimmable

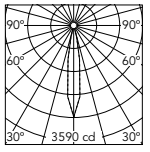
- F001F32A001
- F001F32A006
- F001F32A012
- F001F32A018
- F001F32A030
- F001F32A033

**4000K**

Non Dimmable

- F001F42A001
- F001F42A006
- F001F42A012
- F001F42A018
- F001F42A030
- F001F42A033

17°
MEDIUM




@4000K

Beam Angle: 17°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 3590 | 0.29 |
| 2 | 897 | 0.59 |
| 3 | 399 | 0.88 |
| 4 | 224 | 1.18 |
| 5 | 144 | 1.47 |

**2700K**

Non Dimmable

- F001F23A001.A
- F001F23A006.A
- F001F23A012.A
- F001F23A018.A
- F001F23A030.A
- F001F23A033.A

**3000K**

Non Dimmable

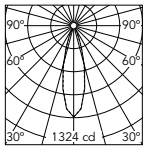
- F001F33A001
- F001F33A006
- F001F33A012
- F001F33A018
- F001F33A030
- F001F33A033

**4000K**

Non Dimmable

- F001F43A001
- F001F43A006
- F001F43A012
- F001F43A018
- F001F43A030
- F001F43A033

28°
FLOOD

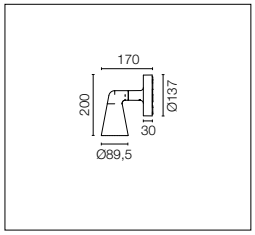


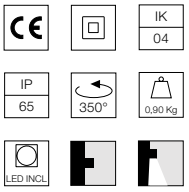

@4000K

Beam Angle: 28°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 1324 | 0.50 |
| 2 | 331 | 1.01 |
| 3 | 147 | 1.51 |
| 4 | 83 | 2.01 |
| 5 | 53 | 2.51 |

## Belvedere Spot Wall




Direkte wandBefestigung. 220-240V Netzgerät inbegriffen. Inklusive Verbindungssystem, IP 68, 2-Wege-H2O-Antikondensat, 4-polig. 24V Dimmbare Version auf Anfrage verfügbar.

Direct wall installation. 220-240V power supply included. Included 2 way terminal block 4 poles IP68 H2O Stop. 24V Dimmable version available on request.

**Power Led:** 6W - 513 lm ≠ *FIXT 425 lm - 2700K/CRI 80 - 220-240V / 6W - 530 lm ≠ *FIXT 440 lm - 3000K/CRI 80 - 220-240V / 6W - 570 lm ≠ *FIXT 473 lm - 4000K/CRI 80 - 220-240V
*FIXT lm = Spot Optic

**2700K**

Non Dimmable
- ○ F001G21A001.A
- ● F001G21A006.A
- ● F001G21A012.A
- ● F001G21A018.A
- ● F001G21A030.A
- ● F001G21A033.A

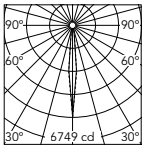
**3000K**

Non Dimmable
- ○ F001G31A001
- ● F001G31A006
- ● F001G31A012
- ● F001G31A018
- ● F001G31A030
- ● F001G31A033

**4000K**

Non Dimmable
- ○ F001G41A001
- ● F001G41A006
- ● F001G41A012
- ● F001G41A018
- ● F001G41A030
- ● F001G41A033

10° SPOT




@4000K

| Beam Angle: | 10° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 6749 0.17 |
| 2 | 1687 0.34 |
| 3 | 750 0.51 |
| 4 | 422 0.68 |
| 5 | 270 0.84 |

**2700K**

Non Dimmable
- ○ F001G22A001.A
- ● F001G22A006.A
- ● F001G22A012.A
- ● F001G22A018.A
- ● F001G22A030.A
- ● F001G22A033.A

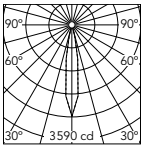
**3000K**

Non Dimmable
- ○ F001G32A001
- ● F001G32A006
- ● F001G32A012
- ● F001G32A018
- ● F001G32A030
- ● F001G32A033

**4000K**

Non Dimmable
- ○ F001G42A001
- ● F001G42A006
- ● F001G42A012
- ● F001G42A018
- ● F001G42A030
- ● F001G42A033

17° MEDIUM




@4000K

| Beam Angle: | 17° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 3590 0.29 |
| 2 | 897 0.59 |
| 3 | 399 0.88 |
| 4 | 224 1.18 |
| 5 | 144 1.47 |

**2700K**

Non Dimmable
- ○ F001G23A001.A
- ● F001G23A006.A
- ● F001G23A012.A
- ● F001G23A018.A
- ● F001G23A030.A
- ● F001G23A033.A

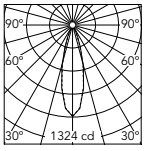
**3000K**

Non Dimmable
- ○ F001G33A001
- ● F001G33A006
- ● F001G33A012
- ● F001G33A018
- ● F001G33A030
- ● F001G33A033

**4000K**

Non Dimmable
- ○ F001G43A001
- ● F001G43A006
- ● F001G43A012
- ● F001G43A018
- ● F001G43A030
- ● F001G43A033

28° FLOOD



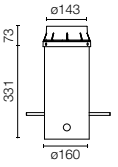

@4000K

| Beam Angle: | 28° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 1324 0.50 |
| 2 | 331 1.01 |
| 3 | 147 1.51 |
| 4 | 83 2.01 |
| 5 | 53 2.51 |

## Belvedere Spot: Zubehörteile / Accessories

Box für die Bodeninstallation. — Box for ground installation.

Bellvedere Spot / Clove
F001Z020000




Punktblende. — Spot visor.

Bellvedere Spot
F001Z010000

Punktblende mit "Honeycomb". — Spot visor with honeycomb.

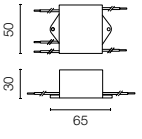
Bellvedere Spot
F001Z030000

Punktblende mit "Flood". — Spot visor with flood lens.

Bellvedere Spot
F001Z040000

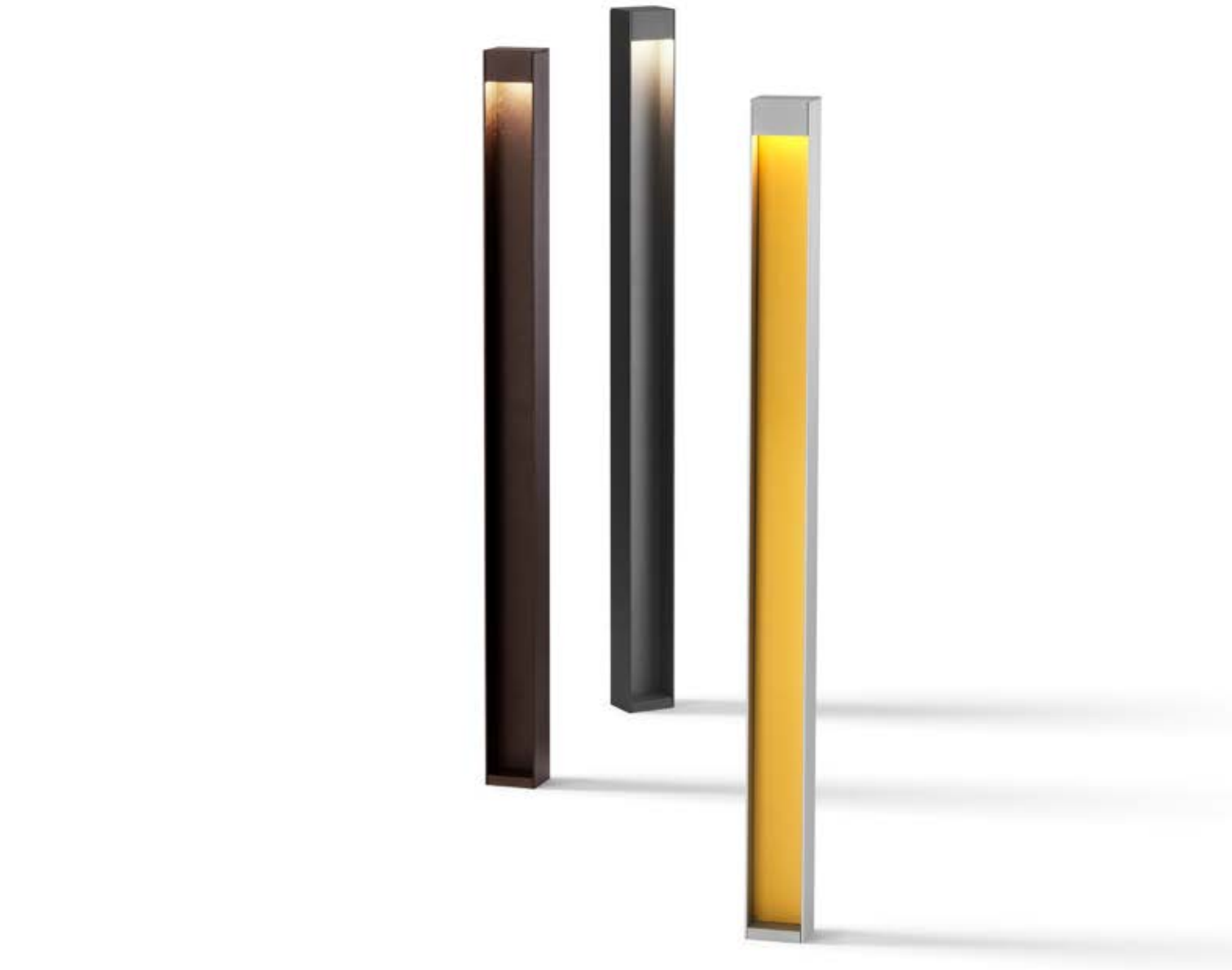
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. — Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66.

Bellvedere Spot / Clove / Wall
F990E00A000



## Klein Pro

Designed by Flos Outdoor



Klein Pro

## Familie / Family

Klein Pro

**Power Led**
11W
294 lm - 2700K/CRI 80
304 lm - 3000K/CRI 80
325 lm - 4000K/CRI 80

## Ausführungen / Colours

01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

33 Anthracite

70 Anodized Natural

71 Anodized Black

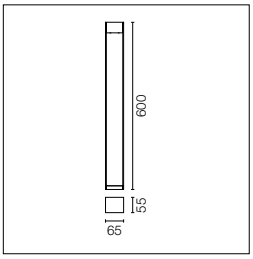
73 Anodized Gold*

* Nur für Schirmstange. / Only for pole screen.

**Beschreibung / Description**

Der Körper des Klein Pro Pollers besteht aus strangengepresstem Aluminium, der Boden und der Diffusor aus Aluminium-Druckguss EN AB-47100 mit niedrigem Kupfergehalt.
Hochbeständige Beschichtung: wird die Außenbeschichtung mit einer doppelten Schicht Epoxidpulver nach dem QUALICOAT-Standard aufgetragen. Die erste Schicht aus Epoxidpulver sorgt für chemische und mechanische Beständigkeit, die zweite Schicht aus Polyesterpulver sorgt für Beständigkeit.
Auch mit eloxiertem Finish erhältlich. Klein Pro ist kompatibel mit der vorhandenen "Klein" -Befestigungsplatte.

The body of Klein Pro bollard is made of extruded aluminium, base and diffuser in die-cast aluminium EN AB-47100 with a low copper content.
High-resistance coating: the external coating is applied with a double layer with epoxy powders according to the QUALICOAT standard. The first layer of epoxy powder gives chemical and mechanical resistance, the second finishing layer of polyester powder ensures resistance.
Also available in anodized finishes.




IP 66 · IK 07 · 1,25 Kg · LED INCL

220 / 240V Netzteil integriert. Feste Oberfläche oder Bodeninstallationszubehör müssen separat bestellt werden. Jede Leuchte ist mit einem 1000 mm langen Abgangskabel und einem Verdrahtungskit ausgestattet.

220-240V power supply integrated. Solid surface or ground installation accessories to be ordered separately. Each luminaire is equipped with 1000 mm lenght outgoing cable and a wiring kit.

**Power Led:** 11W - 1089 lm ≠ FIXT 294 lm - 2700K/CRI 80 - 220-240V / 11W - 1126 lm ≠ FIXT 304 lm - 3000K/CRI 80 - 220-240V / 11W - 1211 lm ≠ FIXT 325 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- F002A20A001.B
- F002A20A006.B
- F002A20A012.B
- F002A20A018.B
- F002A20A030.B
- F002A20A033.B
- F002A21A070.B
- F002A21A071.B

1-10V
- F002A20B001.B
- F002A20B006.B
- F002A20B012.B
- F002A20B018.B
- F002A20B030.B
- F002A20B033.B
- F002A21B070.B
- F002A21B071.B

Dali
- F002A20D001.B
- F002A20D006.B
- F002A20D012.B
- F002A20D018.B
- F002A20D030.B
- F002A20D033.B
- F002A21D070.B
- F002A21D071.B

**3000K**

Non Dimmable
- F002A30A001.A
- F002A30A006.A
- F002A30A012.A
- F002A30A018.A
- F002A30A030.A
- F002A30A033.A
- F002A31A070.A
- F002A31A071.A

1-10V
- F002A30B001.A
- F002A30B006.A
- F002A30B012.A
- F002A30B018.A
- F002A30B030.A
- F002A30B033.A
- F002A31B070.A
- F002A31B071.A

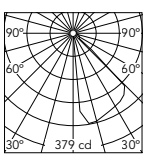
Dali
- F002A30D001.A
- F002A30D006.A
- F002A30D012.A
- F002A30D018.A
- F002A30D030.A
- F002A30D033.A
- F002A31D070.A
- F002A31D071.A

**4000K**

Non Dimmable
- F002A40A001.A
- F002A40A006.A
- F002A40A012.A
- F002A40A018.A
- F002A40A030.A
- F002A40A033.A
- F002A41A070.A
- F002A41A071.A

1-10V
- F002A40B001.A
- F002A40B006.A
- F002A40B012.A
- F002A40B018.A
- F002A40B030.A
- F002A40B033.A
- F002A41B070.A
- F002A41B071.A

Dali
- F002A40D001.A
- F002A40D006.A
- F002A40D012.A
- F002A40D018.A
- F002A40D030.A
- F002A40D033.A
- F002A41D070.A
- F002A41D071.A



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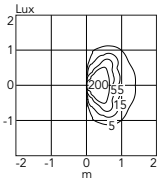

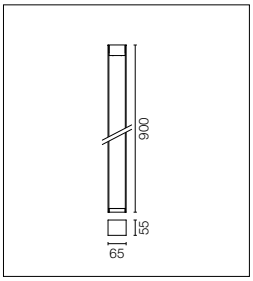


IP 66 · IK 07 · 1,95 Kg · LED INCL

220 / 240V Netzteil integriert. Feste Oberfläche oder Bodeninstallationszubehör müssen separat bestellt werden. Jede Leuchte ist mit einem 1000 mm langen Abgangskabel und einem Verdrahtungskit ausgestattet.

220-240V power supply integrated. Solid surface or ground installation accessories to be ordered separately. Each luminaire is equipped with 1000 mm lenght outgoing cable and a wiring kit.

**Power Led:** 11W - 1089 lm ≠ FIXT 294 lm - 2700K/CRI 80 - 220-240V / 11W - 1126 lm ≠ FIXT 304 lm - 3000K/CRI 80 - 220-240V / 11W - 1211 lm ≠ FIXT 325 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ F002B20A001.B
- ● F002B20A006.B
- ● F002B20A012.B
- ● F002B20A018.B
- ● F002B20A030.B
- ● F002B20A033.B
- ● F002B21A070.B
- ● F002B21A071.B

1-10V
- ○ F002B20B001.B
- ● F002B20B006.B
- ● F002B20B012.B
- ● F002B20B018.B
- ● F002B20B030.B
- ● F002B20B033.B
- ● F002B21B070.B
- ● F002B21B071.B

Dali
- ○ F002B20D001.B
- ● F002B20D006.B
- ● F002B20D012.B
- ● F002B20D018.B
- ● F002B20D030.B
- ● F002B20D033.B
- ● F002B21D070.B
- ● F002B21D071.B

**3000K**

Non Dimmable
- ○ F002B30A001.A
- ● F002B30A006.A
- ● F002B30A012.A
- ● F002B30A018.A
- ● F002B30A030.A
- ● F002B30A033.A
- ● F002B31A070.A
- ● F002B31A071.A

1-10V
- ○ F002B30B001.A
- ● F002B30B006.A
- ● F002B30B012.A
- ● F002B30B018.A
- ● F002B30B030.A
- ● F002B30B033.A
- ● F002B31B070.A
- ● F002B31B071.A

Dali
- ○ F002B30D001.A
- ● F002B30D006.A
- ● F002B30D012.A
- ● F002B30D018.A
- ● F002B30D030.A
- ● F002B30D033.A
- ● F002B31D070.A
- ● F002B31D071.A

**4000K**

Non Dimmable
- ○ F002B40A001.A
- ● F002B40A006.A
- ● F002B40A012.A
- ● F002B40A018.A
- ● F002B40A030.A
- ● F002B40A033.A
- ● F002B41A070.A
- ● F002B41A071.A

1-10V
- ○ F002B40B001.A
- ● F002B40B006.A
- ● F002B40B012.A
- ● F002B40B018.A
- ● F002B40B030.A
- ● F002B40B033.A
- ● F002B41B070.A
- ● F002B41B071.A

Dali
- ○ F002B40D001.A
- ● F002B40D006.A
- ● F002B40D012.A
- ● F002B40D018.A
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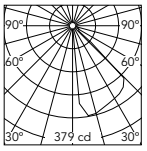
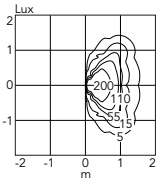
- ● F002B41D071.A



@4000K

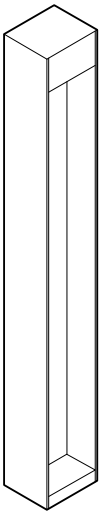


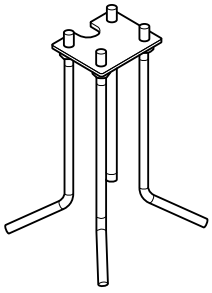
## Klein Pro: Zubehörteile / Accessories

| | | | |
|---|---|---|---|
| Befestigungsbasis für feste Oberflächen. | Fixing base for solid surfaces. | ○ F002Z010001.A<br>● F002Z010006.A<br>● F002Z010012.A<br>● F002Z010018.A<br>● F002Z010030.A<br>● F002Z010033.A | |
| Minimal Klein Pro Bodenplatte, 47x57xH160 mm. | Minimal Klein Pro ground fixation plate, 47x57xH160 mm. | F002Z030000.A | |
| Bodenverankerungsplatte und Schwellenschrauben, Klein Pro 85x85xH160 mm. | Klein Pro base plate and fixing bolts 85x85xH160 mm. | F002Z020000 | |
| Eloxiertes ästhetisches Pfostengitter. | Anodized aestetical pole screen. | H 600 mm<br>● F002Z040070.A<br>● F002Z040071.A<br>● F002Z040073.A<br>H 900 mm<br>● F002Z050070.A<br>● F002Z050071.A<br>● F002Z050073.A | |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 | |

## Installationsoptionen / Installation Options

Option 1
Mit Schwellenschrauben /
Fixing anchor bolts





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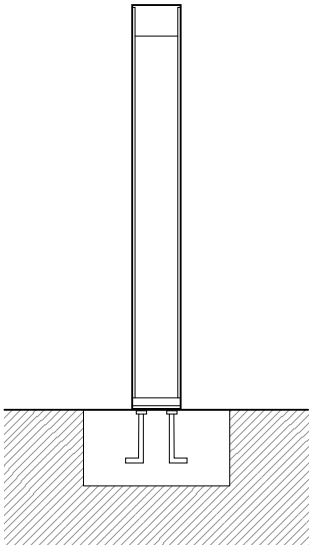
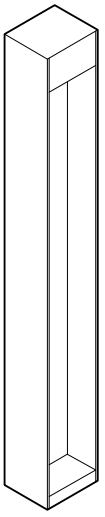
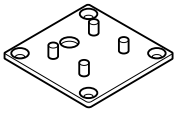
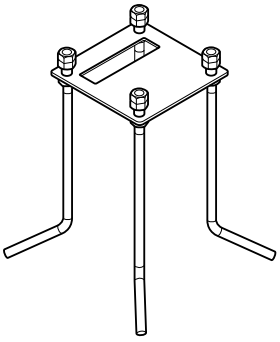


Option 2
Mit Basis und Schwellenschrauben /
With base and fixing anchor bolts





cod. F002Z0100.A



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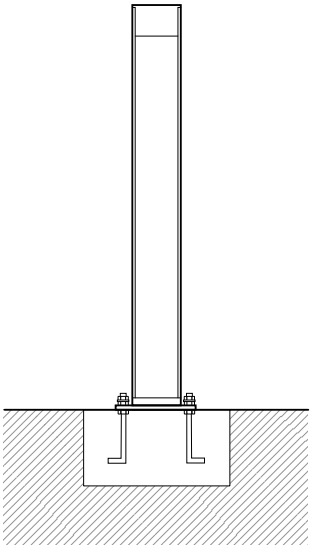
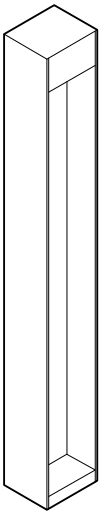
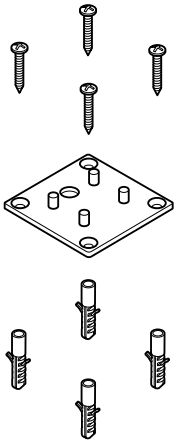
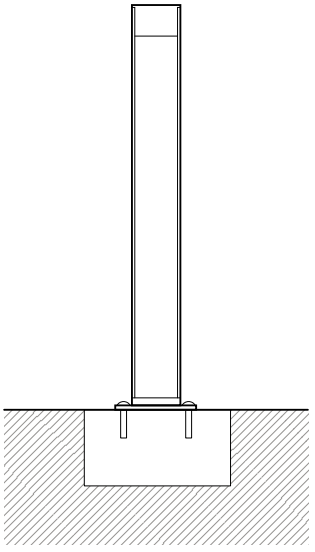


Option 3
Befestigungsbasis mit Dübel (nicht im Lieferumfang enthalten) /
With base for bolts (not included)





cod. F002Z0100.A



## Zefiro

## Familie / Family

Zefiro

**Mid - Power Led**
up to 14,5W
up to 1357 lm - 2700K/CRI 80
up to 1423 lm - 3000K/CRI 80
up to 1494 lm - 4000K/CRI 80
* Net lumen output

## Ausführungen / Colours

01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

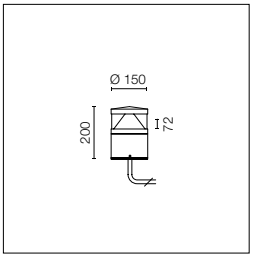
33 Anthracite

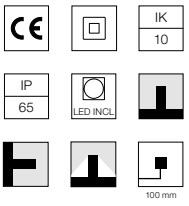
## Beschreibung / Description

Bollard für Außenbereiche mit LED-Lichtquelle. Erhältlich in drei Höhen. Zylindrisches Gehäuse aus stranggepresstem Aluminium, Kopf aus Aluminiumdruckguss, transparenter und UV-stabilisierter Diffusor aus Polycarbonat. Die in der Haube integrierte Lichtquelle ermöglicht einen radialen und asymmetrischen, auf den Boden gerichteten Lichtaustritt, der mit dem lackierten, konischen Aluminiumreflektor kombiniert werden kann, um die direkte Rückstrahlung nach oben zu begrenzen. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Der Bollard kann leicht auf jeder Art von Bodenoberfläche installiert werden, entweder direkt mit Bolzen oder mit Hilfe einer speziellen Befestigungsplatte und Schrauben, die die Leuchte fest im Boden verbinden. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt.

Outdoor bollard with LED light source. Available in three heights. Cylindrical, extruded aluminium body, die-cast aluminium cap, polycarbonate, transparent and UV-stabilized diffuser. The light source integrated in the cap allows a radial and asymmetrical light emission oriented towards the base, which can be combined to the painted aluminium, conical reflector to contain the direct reflection upwards. Available in different finishes with a double layer coating and a chemical conversion surface treatment to guarantee high resistance to corrosion. The bollard can be easily installed on any kind of ground surface, directly with studs or through the dedicated fixing plate and bolts which solidly attach the luminaire to the ground. The fixing screws are made of AISI 316L stainless steel.

## Zefiro 200




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON-OFF und dimmbar 1-10V oder DALI. Ausgestattet mit einem 1 m überstehenden Neoprenkabel und einem 2-Wege IP68 H2O Anschlusssystem. Er kann auf jedem Boden mit Hilfe von Bolzen oder einer separat zu bestellenden, versenkten Befestigungsplatte mit Mörtel installiert verden.

LED source included. Integrated electric power supply 220-240V ON/OFF and adjustable light intensity from 1 to 10V or DALI. Equipped with a protruding, neoprene, one meter cable and a 2-way IP68 H2O connection system. It can be installed on any ground using studs or a recessed fixing plate with mortar, to be ordered separately.

**Mid - Power Led:** 14,5W - 1716 lm ≠ OUTPUT 1357 lm - 2700K/CRI 80 - 220÷240V / 14,5W - 1845 lm ≠ OUTPUT 1423 lm - 3000K/CRI 80 - 220÷240V / 14,5W - 1937 lm ≠ OUTPUT 1494 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- ○ FA53201401
- ● FA53201406
- ● FA53201412
- ● FA53201418
- ● FA53201430
- ● FA53201433

1-10V
- ○ FA53201401-310
- ● FA53201406-310
- ● FA53201412-310
- ● FA53201418-310
- ● FA53201430-310
- ● FA53201433-310

Dali
- ○ FA53201401-300.A
- ● FA53201406-300.A
- ● FA53201412-300.A
- ● FA53201418-300.A
- ● FA53201430-300.A
- ● FA53201433-300.A

**3000K**

Non Dimmable
- ○ FA53200301
- ● FA53200306
- ● FA53200312
- ● FA53200318
- ● FA53200330
- ● FA53200333

1-10V
- ○ FA53200301-310
- ● FA53200306-310
- ● FA53200312-310
- ● FA53200318-310
- ● FA53200330-310
- ● FA53200333-310

Dali
- ○ FA53200301-300.A
- ● FA53200306-300.A
- ● FA53200312-300.A
- ● FA53200318-300.A
- ● FA53200330-300.A
- ● FA53200333-300.A

**4000K**

Non Dimmable
- ○ FA53200201
- ● FA53200206
- ● FA53200212
- ● FA53200218
- ● FA53200230
- ● FA53200233

1-10V
- ○ FA53200201-310
- ● FA53200206-310
- ● FA53200212-310
- ● FA53200218-310
- ● FA53200230-310
- ● FA53200233-310

Dali
- ○ FA53200201-300.A
- ● FA53200206-300.A
- ● FA53200212-300.A
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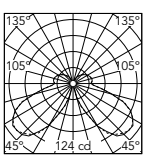
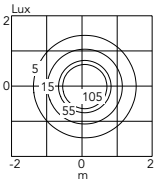
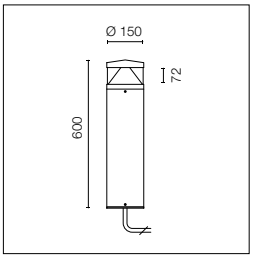
- ● FA53200233-300.A

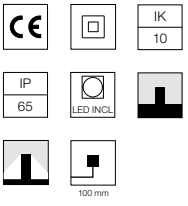


@ 4000K




## Zefiro 600




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON-OFF und dimmbar 1-10V oder DALI. Ausgestattet mit einem 1 m überstehenden Neoprenkabel und einem 2-Wege IP68 H2O Anschlusssystem. Er kann auf jedem Boden mit Hilfe von Bolzen oder einer separat zu bestellenden, versenkten Befestigungsplatte mit Mörtel installiert verden.
Mid-Night-Version auf Anfrage erhältlich.

LED source included. Integrated electric power supply 220-240V ON/OFF and adjustable light intensity from 1 to 10V or DALI. Equipped with a protruding, neoprene, one meter cable and a 2-way IP68 H2O connection system. It can be installed on any ground using studs or a recessed fixing plate with mortar, to be ordered separately.
Mid-Night version available upon request.

**Mid - Power Led:** 14,5W - 1716 lm ≠ OUTPUT 1357 lm - 2700K/CRI 80 - 220÷240V / 14,5W - 1845 lm ≠ OUTPUT 1423 lm - 2700K/CRI 80 - 220÷240V / 14,5W - 1937 lm ≠ OUTPUT 1494 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- ○ FA53201701
- ● FA53201706
- ● FA53201712
- ● FA53201718
- ● FA53201730
- ● FA53201733

1-10V
- ○ FA53201701-310
- ● FA53201706-310
- ● FA53201712-310
- ● FA53201718-310
- ● FA53201730-310
- ● FA53201733-310

Dali
- ○ FA53201701-300.A
- ● FA53201706-300.A
- ● FA53201712-300.A
- ● FA53201718-300.A
- ● FA53201730-300.A
- ● FA53201733-300.A

**3000K**

Non Dimmable
- ○ FA53200601
- ● FA53200606
- ● FA53200612
- ● FA53200618
- ● FA53200630
- ● FA53200633

1-10V
- ○ FA53200601-310
- ● FA53200606-310
- ● FA53200612-310
- ● FA53200618-310
- ● FA53200630-310
- ● FA53200633-310

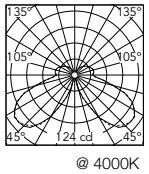
Dali
- ○ FA53200601-300.A
- ● FA53200606-300.A
- ● FA53200612-300.A
- ● FA53200618-300.A
- ● FA53200630-300.A
- ● FA53200633-300.A

**4000K**

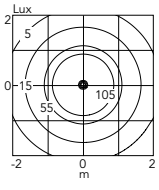
Non Dimmable
- ○ FA53200501
- ● FA53200506
- ● FA53200512
- ● FA53200518
- ● FA53200530
- ● FA53200533

1-10V
- ○ FA53200501-310
- ● FA53200506-310
- ● FA53200512-310
- ● FA53200518-310
- ● FA53200530-310
- ● FA53200533-310

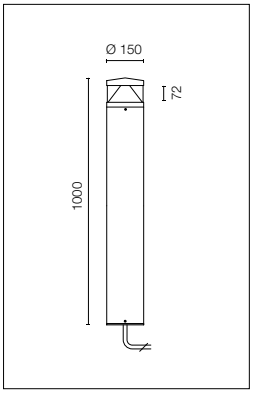
Dali
- ○ FA53200501-300.A
- ● FA53200506-300.A
- ● FA53200512-300.A
- ● FA53200518-300.A
- ● FA53200530-300.A
- ● FA53200533-300.A

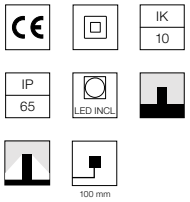


@ 4000K



## Zefiro 1000




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON-OFF und dimmbar 1-10V oder DALI. Ausgestattet mit einem 1 m überstehenden Neoprenkabel und einem 2-Wege IP68 H2O Anschlusssystem. Er kann auf jedem Boden mit Hilfe von Bolzen oder einer separat zu bestellenden, versenkten Befestigungsplatte mit Mörtel installiert verden.
Mid-Night-Version auf Anfrage erhältlich.

LED source included. Integrated electric power supply 220-240V ON/OFF and adjustable light intensity from 1 to 10V or DALI. Equipped with a protruding, neoprene, one meter cable and a 2-way IP68 H2O connection system. It can be installed on any ground using studs or a recessed fixing plate with mortar, to be ordered separately. Mid-Night version available upon request.

**Mid - Power Led:** 14,5W - 1716 lm ≠ OUTPUT 1357 lm - 2700K/CRI 80 - 220÷240V / 14,5W - 1845 lm ≠ OUTPUT 1423 lm - 2700K/CRI 80 - 220÷240V / 14,5W - 1937 lm ≠ OUTPUT 1494 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53202001
- FA53202006
- FA53202012
- FA53202018
- FA53202030
- FA53202033

1-10V
- FA53202001-310
- FA53202006-310
- FA53202012-310
- FA53202018-310
- FA53202030-310
- FA53202033-310

Dali
- FA53202001-300.A
- FA53202006-300.A
- FA53202012-300.A
- FA53202018-300.A
- FA53202030-300.A
- FA53202033-300.A

**3000K**

Non Dimmable
- FA53200901
- FA53200906
- FA53200912
- FA53200918
- FA53200930
- FA53200933

1-10V
- FA53200901-310
- FA53200906-310
- FA53200912-310
- FA53200918-310
- FA53200930-310
- FA53200933-310

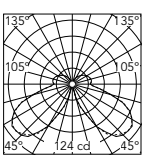
Dali
- FA53200901-300.A
- FA53200906-300.A
- FA53200912-300.A
- FA53200918-300.A
- FA53200930-300.A
- FA53200933-300.A

**4000K**

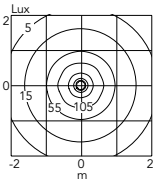
Non Dimmable
- FA53200801
- FA53200806
- FA53200812
- FA53200818
- FA53200830
- FA53200833

1-10V
- FA53200801-310
- FA53200806-310
- FA53200812-310
- FA53200818-310
- FA53200830-310
- FA53200833-310

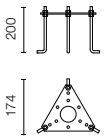
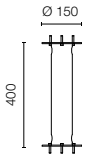
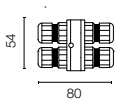
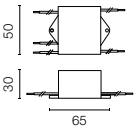
Dali
- FA53200801-300.A
- FA53200806-300.A
- FA53200812-300.A
- FA53200818-300.A
- FA53200830-300.A
- FA53200833-300.A




@ 4000K

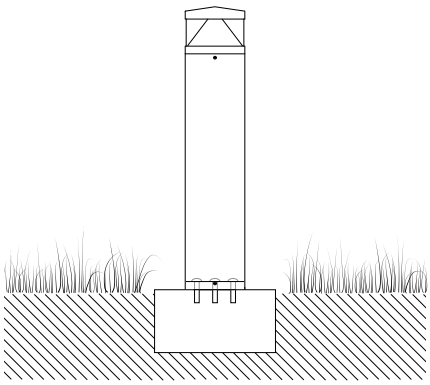


## Zefiro: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Stiftschraubenplatte. | Base plate with bolt. | FA21 | |  |
| Hochbeständige Einbaudose zur Installation. | High resistance in-ground box for installation | FA185 | |  |
| Verbindungssystem, IP68, 3/4-Wege-$H_2O$-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 $H_2O$ Stop. (ø5,5÷12mm cable). | F990C010000 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 | |  |

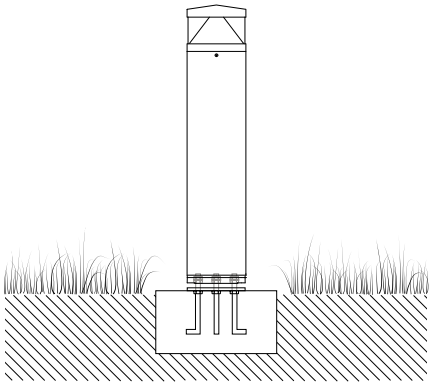
**Richtige Befestigungsmethode**
Bollard auf Sockel + Dübel befestigt.

**Correct Fixing Method**
Bollard fixed on plinth + plug.



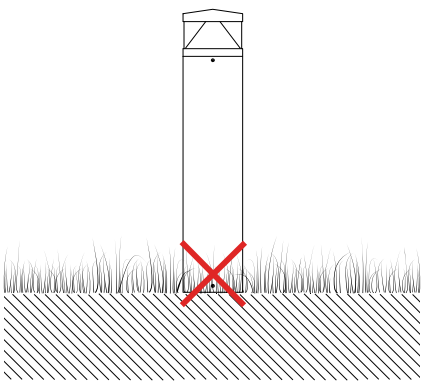
**Richtige Befestigungsmethode**
Bollard auf Sockel + Befestigungsbolzen befestigt.

**Correct Fixing Method**
Bollard fixed on plinth + fixing bolts.



**Falsche Befestigungsmethode**
Bollard nicht direkt im Boden befestigen.

**Incorrect Fixing Method**
Do not fix the bollard directly on the ground.



## I-Ron

I-Ron

## Familie / Family

I-Ron

**Power Led**
up to 11W
up to 391 lm - 2700K/CRI 80
up to 420 lm - 3000K/CRI 80
up to 448 lm - 4000K/CRI 80

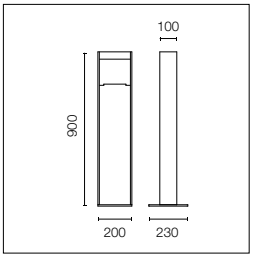
## Ausführungen / Colours

90 Zinc

**Beschreibung / Description**

Bollard für Außenbereiche mit feuerverzinkter IPE-Stahlstab-H-Rahmenstruktur für hohe Korrosionsbeständigkeit. Dank ihres einzigartigen Designs kann die Leuchte auch als fester architektonischer Bollard verwendet werden. Die LED-Lichtquelle befindet sich auf der Rückseite der Leuchte und ist durch einen mit Zink überzogenen Kunststoffdiffusor geschützt, der sich am oberen Teil der Leiste befindet. Die elektrischen Komponenten befinden sich auf der Rückseite der Leuchte. Der Bollard kann leicht auf jeder Art von Bodenoberfläche installiert werden, entweder direkt mit Bolzen oder mit Hilfe einer speziellen Befestigungsplatte und Schrauben, die die Leuchte fest im Boden verbinden. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt.

Outdoor bollard with hot-dip zinc-coated IPE steel bar H-frame structure for high resistance to corrosion. Thanks to its unique design, the fixture can also be used as a fixed architectural bollard. The LED light source is located at the back of the fixture and is protected by a plastic diffuser covered by zinc, which is located on the upper part of the bar. The electric components are located at the back of the luminaire. The bollard can be easily installed on any kind of ground surface, directly with studs or through the dedicated fixing plate and bolts which solidly attach the luminaire to the ground. The fixing screws are made of AISI 316L stainless steel.




IP 65 · IK 10 · LED INCL

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Ausgestattet mit zwei Kabelführungen aus Gummi (8<ø<13 mm Kabel) für Inlet-Outlet-Anschlüsse. Er kann auf jedem Boden mit Hilfe von Bolzen oder einer separat zu bestellenden, versenkten Befestigungsplatte mit Mörtel installiert werden.

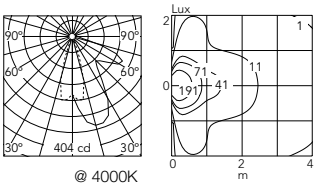
LED source included. Integrated electric power supply 220-240V ON/OFF. Equipped with two rubber cable guides (8<ø<13mm cables) for inlet-outlet connections. It can be installed on any ground using studs or a recessed fixing plate with mortar, to be ordered separately.

**Power Led:** 11W - 1011 lm ≠ OUTPUT 391 lm - 2700K/CRI 80 - 220-240V / 11W - 1087 lm ≠ OUTPUT 420 lm - 3000K/CRI 80 - 220-240V / 11W - 1162 lm ≠ OUTPUT 448 lm - 4000K/CRI 80 - 220-240V

**2700K**
- FA1041060090

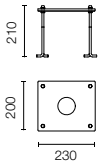
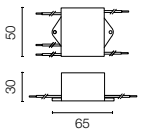
**3000K**
- FA1041040090

**4000K**
- FA1041970090



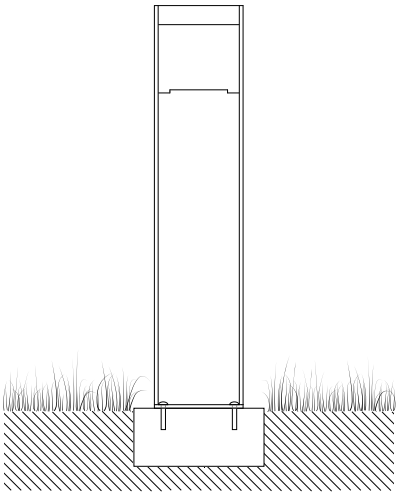
@ 4000K

## I-Ron: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Stiftschraubenplatte. | Base plate with bolt. | FA109 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 | |  |

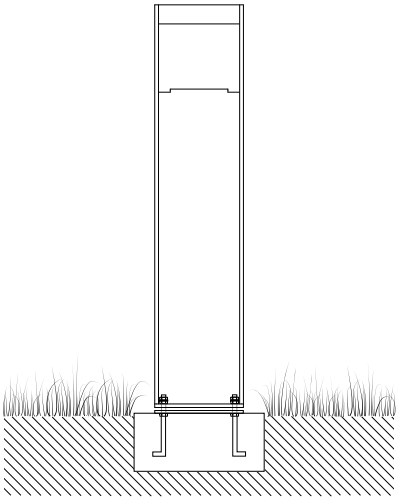
**Richtige Befestigungsmethode**
Bollard auf Sockel + Dübel befestigt.

**Correct Fixing Method**
Bollard fixed on plinth + plug.



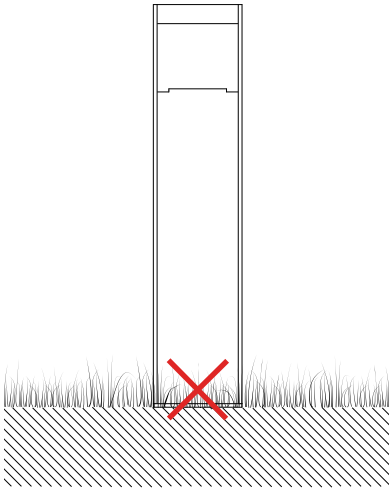
**Richtige Befestigungsmethode**
Bollard auf Sockel + Befestigungsbolzen befestigt.

**Correct Fixing Method**
Bollard fixed on plinth + fixing bolts.

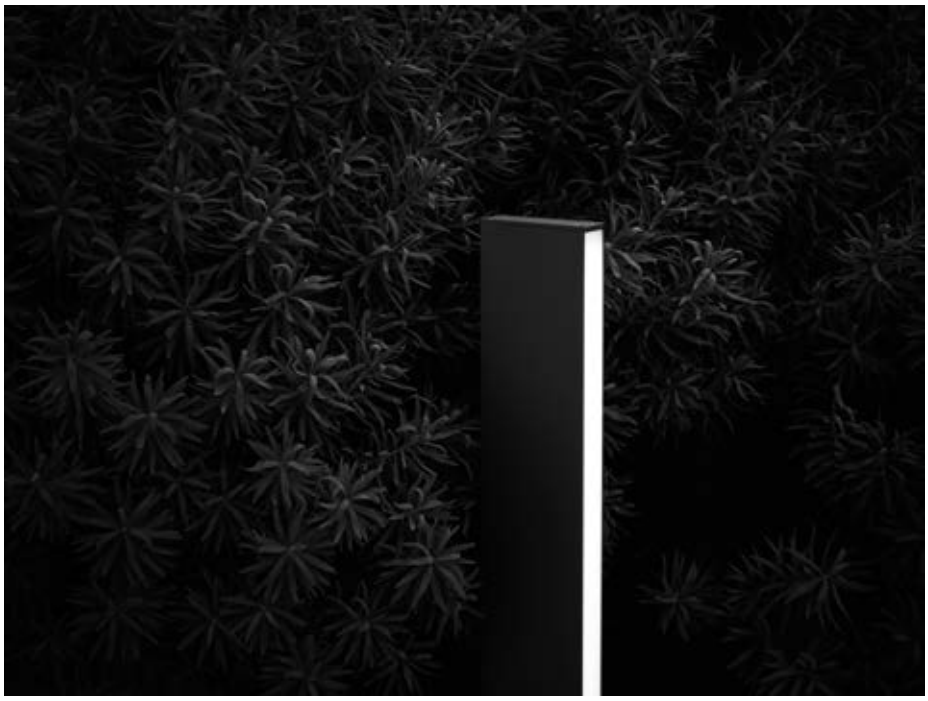


**Falsche Befestigungsmethode**
Bollard nicht direkt im Boden befestigen.

**Incorrect Fixing Method**
Do not fix the bollard directly on the ground.

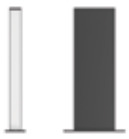


## Talia



## Familie / Family

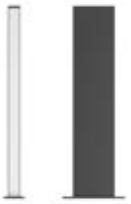
Talia 360



**Low - Power Led**
up to 4W
up to 73 lm - 2700K/CRI 80
up to 73 lm - 3000K/CRI 80
up to 73 lm - 4000K/CRI 80
* Net lumen output

**Low - Power Led**
up to 7W
up to 2x73 lm - 2700K/CRI 80
up to 2x73 lm - 3000K/CRI 80
up to 2x73 lm - 4000K/CRI 80
* Net lumen output

Talia 560



**Low - Power Led**
up to 6W
up to 123 lm - 2700K/CRI 80
up to 123 lm - 3000K/CRI 80
up to 123 lm - 4000K/CRI 80
* Net lumen output

**Low - Power Led**
up to 11W
up to 2x123 lm - 2700K/CRI 80
up to 2x123 lm - 3000K/CRI 80
up to 2x123 lm - 4000K/CRI 80
* Net lumen output

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

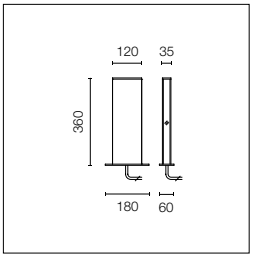
30 Black

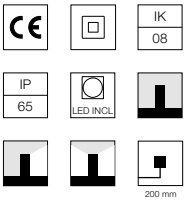
33 Anthracite

**Beschreibung / Description**

Bollard für Außenbereiche mit LED-Lichtquelle. Erhältlich in zwei Höhen und mit monodirektionalem oder bidirektionalem Lichtaustritt. Gehäuse aus stranggepresstem Aluminium. Deckel aus Aluminiumdruckguss. UV-stabilisierter, opaler Polycarbonat-Diffusor. Das lineare LED-Modul befindet sich in einem versiegeltentransparenten Polycarbonatzylinder mit Ausgleichsventil. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Der Bollard kann leicht auf jeder Art von Bodenoberfläche installiert werden, entweder direkt mit Bolzen oder mit Hilfe einer speziellen Befestigungsplatte und Schrauben, die die Leuchte fest im Boden verbinden. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt.

Outdoor bollard with LED light source. Available in two heights and monodirectional or bidirectional light emission. Extruded aluminium body. Die-cast aluminium cap. UV-stabilized, opal polycarbonate diffuser. The linear LED module is housed in a sealed transparent polycarbonate cylinder with compensation valve. Available in different finishes with a double layer coating and a chemical conversion surface treatment to guarantee high resistance to corrosion. The bollard can be easily installed on any kind of ground surface, directly with studs or through the dedicated fixing plate and bolts which solidly attach the luminaire to the ground. The fixing screws are made of AISI 316L stainless steel.



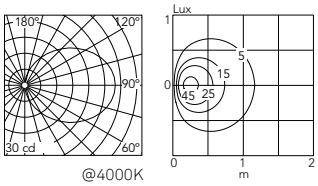

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Er kann auf jedem Boden mit Hilfe von Bolzen oder einer separat zu bestellenden, versenkten Befestigungsplatte mit Mörtel installiert werden.

LED source included. Integrated electric power supply 220-240V ON/OFF. The luminaire is equipped with a protruding, neoprene, two meter cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
It can be installed on any ground using studs or a recessed fixing plate with mortar, to be ordered separately.

**Single Emission**

**Power Led:** 4W - 216 lm ≠ OUTPUT 73 lm - 2700K/CRI 80 - 220÷240V / 4W - 216 lm ≠ OUTPUT 73 lm - 3000K / CRI 80 - 220÷240V / 4W - 216 lm ≠ OUTPUT 73 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50320601 | ○ FA50300601 | ○ FA50301101 |
| ● FA50320606 | ● FA50300606 | ● FA50301106 |
| ● FA50320612 | ● FA50300612 | ● FA50301112 |
| ● FA50320618 | ● FA50300618 | ● FA50301118 |
| ● FA50320630 | ● FA50300630 | ● FA50301130 |
| ● FA50320633 | ● FA50300633 | ● FA50301133 |

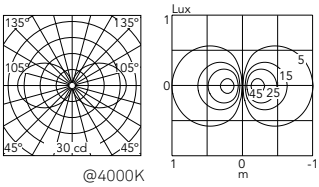


@4000K

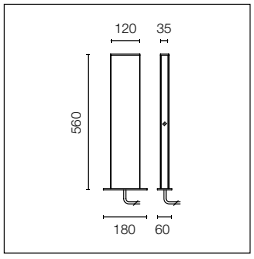
**Double Emission**

**Power Led:** 7W - 2x216 lm ≠ OUTPUT 2x73 lm - 2700K/CRI 80 - 220÷240V / 7W - 2x216 lm ≠ OUTPUT 2x73 lm - 4000K/CRI 80 - 220÷240V / 7W - 2x216 lm ≠ OUTPUT 2x73 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50320801 | ○ FA50300801 | ○ FA50301201 |
| ● FA50320806 | ● FA50300806 | ● FA50301206 |
| ● FA50320812 | ● FA50300812 | ● FA50301212 |
| ● FA50320818 | ● FA50300818 | ● FA50301218 |
| ● FA50320830 | ● FA50300830 | ● FA50301230 |
| ● FA50320833 | ● FA50300833 | ● FA50301233 |



@4000K




IP 65 · IK 08 · LED INCL

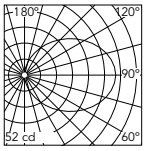
Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Er kann auf jedem Boden mit Hilfe von Bolzen oder einer separat zu bestellenden, versenkten Befestigungsplatte mit Mörtel installiert werden.

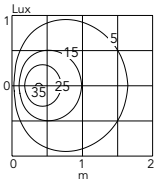
LED source included. Integrated electric power supply 220-240V ON/OFF. The luminaire is equipped with a protruding, neoprene, two meter cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
It can be installed on any ground using studs or a recessed fixing plate with mortar, to be ordered separately.

**Single Emission**

**Power Led:** 6W - 360 lm ≠ OUTPUT 123 lm - 2700K/CRI 80 - 220÷240V / 6W - 360 lm ≠ OUTPUT 123 lm - 3000K/CRI 80 - 220÷240V / 6W - 360 lm ≠ OUTPUT 123 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50320201 | ○ FA50300201 | ○ FA50300901 |
| ● FA50320206 | ● FA50300206 | ● FA50300906 |
| ● FA50320212 | ● FA50300212 | ● FA50300912 |
| ● FA50320218 | ● FA50300218 | ● FA50300918 |
| ● FA50320230 | ● FA50300230 | ● FA50300930 |
| ● FA50320233 | ● FA50300233 | ● FA50300933 |



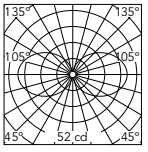



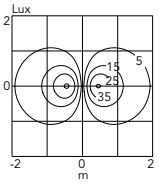

@4000K

**Double Emission**

**Power Led:** 11W - 2x360 lm ≠ OUTPUT 2x123 lm - 2700K/CRI 80 - 220÷240V / 11W - 2x360 lm ≠ OUTPUT 2x123 lm - 3000K/CRI 80 - 220÷240V / 11W - 2x360 lm ≠ OUTPUT 2x123 lm - 4000K/CRI 80 - 220÷240V

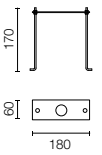
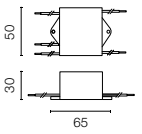
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50320401 | ○ FA50300401 | ○ FA50301001 |
| ● FA50320406 | ● FA50300406 | ● FA50301006 |
| ● FA50320412 | ● FA50300412 | ● FA50301012 |
| ● FA50320418 | ● FA50300418 | ● FA50301018 |
| ● FA50320430 | ● FA50300430 | ● FA50301030 |
| ● FA50320433 | ● FA50300433 | ● FA50301033 |



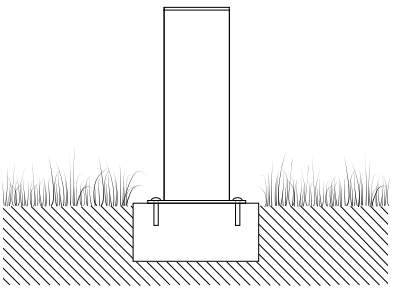

@4000K

## Talia: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Stiftschraubenplatte. | Base plate with bolt. | FA139 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 | |  |
| 2-Wege-Klemmleiste 4-polig IP68. (ø7÷12mm Kabel). | 2 way terminal block 4 poles IP68. (ø7÷12mm cable). | F990C040000 | | |

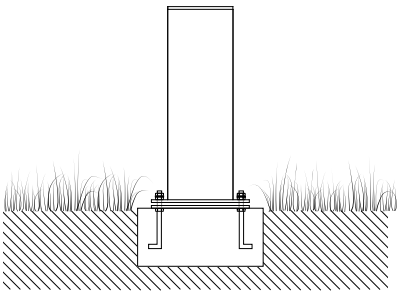
**Richtige Befestigungsmethode**
Bollard auf Sockel + Dübel befestigt.

**Correct Fixing Method**
Bollard fixed on plinth + plug.



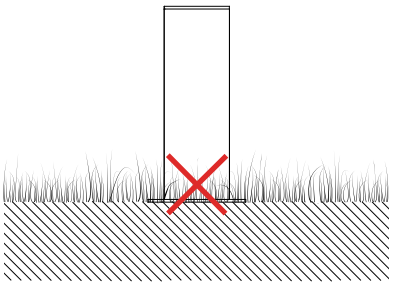
**Richtige Befestigungsmethode**
Bollard auf Sockel + Befestigungsbolzen befestigt.

**Correct Fixing Method**
Bollard fixed on plinth + fixing bolts.



**Falsche Befestigungsmethode**
Bollard nicht direkt im Boden befestigen.

**Incorrect Fixing Method**
Do not fix the bollard directly on the ground.



## Real Matter

Designed by Piero Lissoni

Real Matter

## Familie / Family

Real Matter

**Low - Power Led**
3W
71 lm - 2700K/CRI 80
82 lm - 3000K/CRI 80

## Ausführungen / Colours

44 Brushed Gold

47 Brushed Bronze

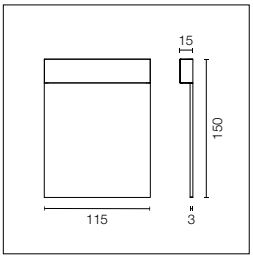
55 Brushed Stainless Steel

66 Polished Copper

**Beschreibung / Description**

Gerät für den Außenbereich für die Wandeinbaumontage mit LED-Stromquelle.
Körper aus Edelstahl AISI 316L, der mit dem PVD-Verfahren behandelt wurde (physikalische Beschichtung aus der Dampfphase). Dank dieser innovativen Behandlung werden die Oberflächen von Real Matter nach dem Politur- und Bürstverfahren entsprechend der gewählten Feinbearbeitung mit einem dünnen Film aus Metallen wie Zirkonium oder Titan bedeckt, der in Kombination mit dem Stahl auf Molekularebene die Widerstandsfähigkeit gegenüber mechanischen und witterungsbedingten Einflüssen verbessert.
Diffusor aus Polycarbonat, UV-beständig.
Das Gerät wird mit zwei 200 mm langen Ausgangsstromkabeln und einer Ausrüstung für einen dichten Anschluss IP bereitgestellt. Hierbei muss ein Einbaugehäuse verwendet werden, das separat zu bestellen ist.
Die 24V-Stromversorgung kann entfernt installiert oder auf der Rückseite der Leuchte in der Box zur Installation untergebracht werden.
3 Produktversionen abhängig vom Montagetyp verfügbar:
- in Mauerwerk oder Beton mit entsprechendem Einbaugehäuse.
- in Gipskartonwand mit entsprechenden Federn.
- in Mauerwerk oder Beton ohne Einbaugehäuse: das Gerät wird direkt auf der Oberfläche angeklebt.

Luminaire for outdoor use for built-in installation on the wall with LED light source.
Body made of stainless steel AISI 316L treated with the PVD process (Physical Vapour Deposition). Thanks to this innovative treatment, after the polishing or brushing process, according to the finishing choice, the surfaces of Real Matter are coated with a thin film of metals such as zirconium and titanium which, combining with the steel at the molecular level, increase the characteristics of resistance to both mechanical and to atmospheric agents, allowing the realization of elegant and durable finishings.
UV-stabilized polycarbonate diffuser.
The luminaire is provided with two L 200 mm lenght outgoing power cables and with a kit for the hermetic IP connection. It is necessary to use an installation box, to be ordered separately.
24V power supply may be installed remotely or housed at the back of the luminaire in the box for installation.
3 version available select the model suitable for your type of installation:
- in concrete surface with recessed box to.
- in plasterboard surface supplied with springs.
- on solid surface no recessed box needed, the fixtures is directly glued on the surface.



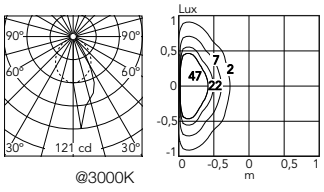

IP 65 · 0,60 Kg · IK 10 · LED INCL

Externe Stromversorgung 24 V muss separat bestellt werden. Das Gerät wird mit zwei Stromkabeln (200 mm) und einem IP-Anschlusskit geliefert. Produkt in 3 Versionen verfügbar (wählen Sie den für Ihren Installationstyp geeigneten Code):
- in Mauerwerk oder Beton mit entsprechendem Einbaugehäuse, das separat zu bestellen ist.
- in Gipskartonwand mit entsprechenden, im Lieferumfang enthaltenen Federn (Zwischenwandstärke: min. 5 mm, max. 20 mm).
- in Mauerwerk oder Beton ohne Einbaugehäuse: das Gerät wird direkt auf der Oberfläche angeklebt (die Art des Klebers ist vom Installateur basierend auf dem Oberflächenmaterial auszuwählen).

Remote power supply 24V to be separately ordered.
The fixture is prewired with 200mm cable and an IP connection kit.
3 version available (select the model suitable for your type of installation):
- in concrete surface with recessed box to be ordered separately.
- in plasterboard surface (surface thickness min 5mm-max20mm) model supplied with springs.
- on solid surface no recessed box needed, the fixtures is directly glued on the surface (type of gluing to be select by the operator based on the type of surface).

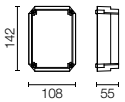
**Low-Power Led:** 3W - 180 lm ≠ FIXT 71 lm - 2700K/CRI 80 - 24V / 3W - 200 lm ≠ FIXT 82 lm - 3000K/CRI 80 - 24V

| **2700K** | **3000K** |
|---|---|
| Einbau in Mauerwerk mit Einbaugehäuse/ Installation in masonry with box for installation | |
| F5960044 | F5961044 |
| F5960047 | F5961047 |
| F5960055 | F5961055 |
| F5960066 | F5961066 |
| Einbau in Gipskartonplattenwand (min 5mm - max 20mm)/ Installation in plasterboard wall | |
| F5980044 | F5981044 |
| F5980047 | F5981047 |
| F5980055 | F5981055 |
| F5980066 | F5981066 |
| Einbau in Mauerwerk ohne Einbaugehäuse/ Installation in masonry without box for installation | |
| F5970044 | F5971044 |
| F5970047 | F5971047 |
| F5970055 | F5971055 |
| F5970066 | F5971066 |



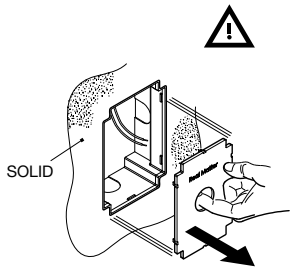

@3000K

## Real Matter: Zubehörteile / Accessories

| | | | |
|---|---|---|---|
| Installationsgehäuse für Mauerwerk oder Betonwand. | Box for installation for masonry or concrete wall. | F5962000 |   |

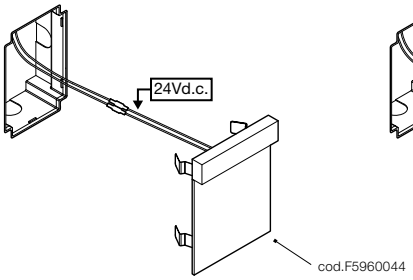
## Einbau in Mauerwerk mit Einbaugehäuse / Installation in Masonry with Box for Installation

einbaugehäuse mit Montagefläche bündig
flush with the installation surface

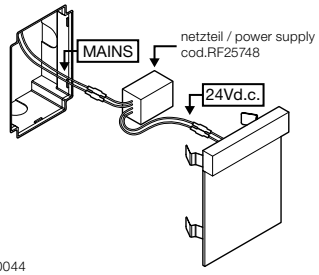



einbaugehäuse / box for installation
cod.F5962000

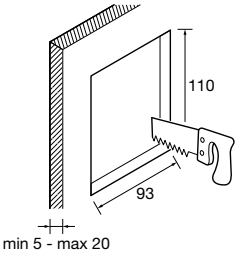
verkabelung mit externer Stromversorgung
wiring with remote power supply

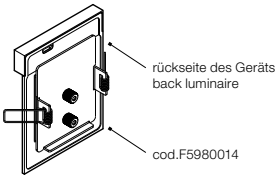



optional / optional
verkabelung mit Netzteil / wiring with power supply
cod.RF25748

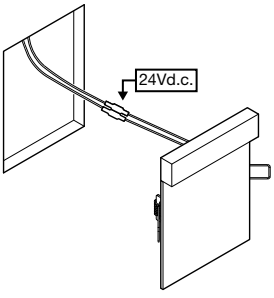



## Einbau in Gipskartonplattenwand / Installation in Plasterboard Wall

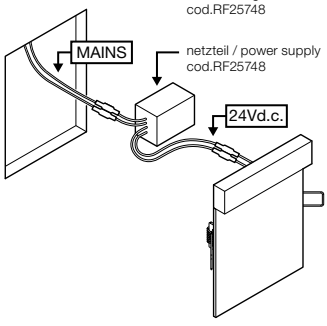


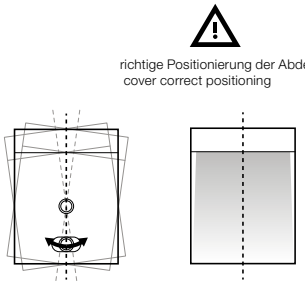




verkabelung mit externer Stromversorgung
wiring with remote power supply



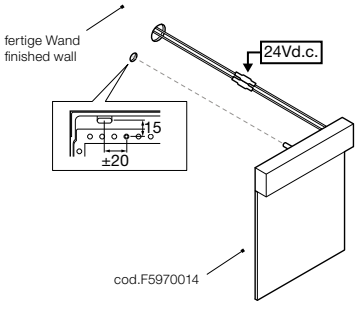

optional / optional
verkabelung mit Netzteil / wiring with power supply
cod.RF25748

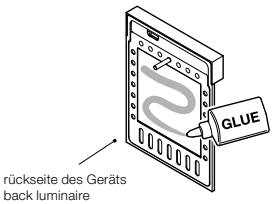


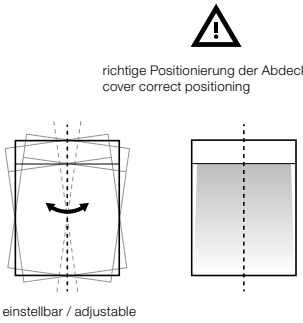




einstellbar / adjustable

## Einbau in Mauerwerk ohne Einbaugehäuse / Installation in Masonry without Box for Installation

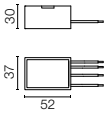
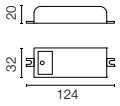
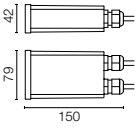
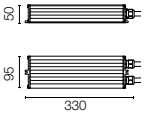
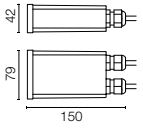
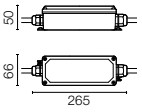
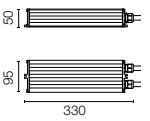



einstellbar / adjustable

## Real Matter: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Netzgerät für 24Vdc 8W / 110-240V IP65 Klasse II selv.<br><br>Kann in Einbaugehäuse F5962000 untergebracht werden. | Power supply 24Vdc 8W / 110-240V IP65 Class II selv.<br><br>It can be housed in installation box F5962000. | *RF25748 | |  |
| Netzgerät für den Ferneinbau 24Vdc 10W / 110-240V IP20 Klasse II selv. | Power supply for remote installation 24Vdc 10W /110-240V IP20 Class II selv. | *RF25747 | |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | *RF25752 | |  |
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |  |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | *F990B23AZ00 | |  |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |  |
| Netzgerät für den Ferneinbau 24Vdc 96W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 96W / 120-240V IP67 Class II selv. | *RF25756 | |  |

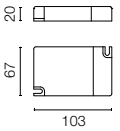
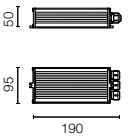
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | |
|---|---|
| Acc. RF25748 | 2 |
| Acc. RF25747 | 3 |
| Acc. RF25757 | 3 |
| Acc. RF25752 | 5 |
| Acc. F990B23AZ00 | 9 |
| Acc. RF25755 | 13 |
| Acc. RF25749 | 19 |
| Acc. RF25756 | 27 |

## Real Matter: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Netzgerät für den Ferneinbau 24Vdc 17W /N110-240V (15W@110V) IP20 Klasse II selv. | Power supply for remote installation 24Vdc 17W / 110-240V (15W@110V) IP20 Class II selv. | *RF25750<br>Dimmable 1-10V | |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv. | *RF26387.A<br>Dimmable DALI | |  |

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | | | |
|---|---|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | Acc. RF25750 | 4 |
| | | Acc. RF26387.A | 5 |

## My Way

Designed by Piero Lissoni

My Way

## Familie / Family

My Way 110 x 100

**Mid - Power Led**
5W
188 lm - 2700K/CRI 80
211 lm - 3000K/CRI 80
221 lm - 4000K/CRI 80

My Way 110 x 200

**Mid - Power Led**
13W
657 lm - 2700K/CRI 80
763 lm - 3000K/CRI 80
801 lm - 4000K/CRI 80

My Way 210 x 200

**Mid - Power Led**
13W
669 lm - 2700K/CRI 80
777 lm - 3000K/CRI 80
817 lm - 4000K/CRI 80

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

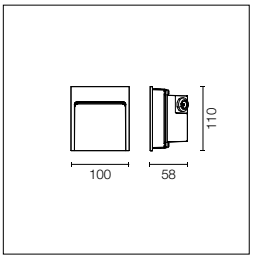
33 Anthracite

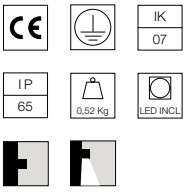
**Beschreibung / Description**

Gerät für den Außenbereich für die Wandeinbaumontage mit LED-Stromquelle.
Druckgegossener Aluminiumkörper EN AB-47100 (kupferarm).
Beschichtung mit hoher Beständigkeit: Nach einer Sandstrahlungsbehandlung aller Bestandteile, damit die Oberfläche porös wird und eine bessere Haftung des Lacks gewährleistet wird, wird die Außenbeschichtung mit einer doppelten Pulverbeschichtung entsprechend dem QUALICOAT-Standard angewendet. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverendschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und Witterungseinflüssen sicher.
Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer Behandlung zur chemischen Konversion unterzogen, um den Oxydationsschutz zu gewährleisten.
Diffusor aus satiniertem Polycarbonat, UV-beständig, mit dem Kopf des Produkts festgeklebt, um die Wasserfestigkeit zu gewährleisten.

Luminaire for outdoor use for built-in installation on the wall with LED light source.
Aluminum die-cast body EN AB-47100 (low copper content).
High-resistance coating: after a sandblasting treatment of all components to make the surface porous and ensure a greater adhesion of the paint, the external coating is applied with a double layer with epoxy powders according to the QUALICOAT standard. The first layer of epoxy powder gives chemical and mechanical resistance, the second finishing layer of polyester powder ensures resistance to UV rays and atmospheric agents.
The painted surfaces are treated with alkaline and acidic washes, then rinsed with demineralized water, subjected to a chemical conversion treatment to protect against oxidation.
Frosted polycarbonate diffuser, UV-stabilised, glued to the head of the product to ensure a watertight seal.

## My Way 110x100




Stromquelle 110/240 V integriert. Mit einem 120-mm-Ausgangskabelteil aus Neopren und einem auf dem Kabel IP67 befindlichen Anschlusssystem ausgestattet.
Dimmbare Version auf Anfrage.

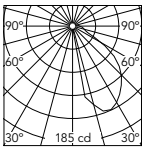
Integrated 110/240V power supply. Supplied with a 120 mm lenght outgoing neoprene cable and IP67 cable connection system.
Dimmable version on request.

**Mid-Power Led:** 5W - 421 lm ≠ FIXT 188 lm - 2700K/CRI 80 - 100-240V / 5W - 490 lm ≠ FIXT 211 lm - 3000K/CRI 80 - 100-240V / 5W - 514 lm ≠ FIXT 221 lm - 4000K/CRI 80 - 100-240V

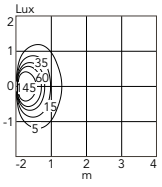
**2700K**
- ○ F4350001
- ● F4350006
- ● F4350012
- ● F4350018
- ● F4350030
- ● F4350033

**3000K**
- ○ F4351001
- ● F4351006
- ● F4351012
- ● F4351018
- ● F4351030
- ● F4351033

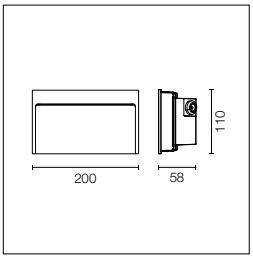
**4000K**
- ○ F4352001
- ● F4352006
- ● F4352012
- ● F4352018
- ● F4352030
- ● F4352033

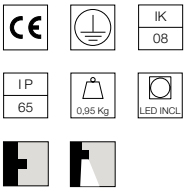



@4000K




## My Way 110x200




Stromquelle 220/240 V integriert. Mit einem 120-mm-Ausgangskabelteil aus Neopren und einem auf dem Kabel IP67 befindlichen Anschlusssystem ausgestattet.

Integrated 220/240V power supply. Supplied with a 120 mm lenght outgoing neoprene cable and IP67 cable connection system.

**Mid-Power Led:** 13W - 1357 lm ≠ FIXT 657 lm - 2700K/CRI 80 - 220-240V / 13W - 1577 lm ≠ FIXT 763 lm - 3000K/CRI 80 - 220-240V / 13W - 1656 lm ≠ FIXT 801 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ F4353001
- ● F4353006
- ● F4353012
- ● F4353018
- ● F4353030
- ● F4353033

1-10V
- ○ F4353001-310
- ● F4353006-310
- ● F4353012-310
- ● F4353018-310
- ● F4353030-310
- ● F4353033-310

Dali
- ○ F4353001-300
- ● F4353006-300
- ● F4353012-300
- ● F4353018-300
- ● F4353030-300
- ● F4353033-300

**3000K**

Non Dimmable
- ○ F4354001
- ● F4354006
- ● F4354012
- ● F4354018
- ● F4354030
- ● F4354033

1-10V
- ○ F4354001-310
- ● F4354006-310
- ● F4354012-310
- ● F4354018-310
- ● F4354030-310
- ● F4354033-310

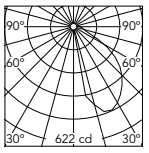
Dali
- ○ F4354001-300
- ● F4354006-300
- ● F4354012-300
- ● F4354018-300
- ● F4354030-300
- ● F4354033-300

**4000K**

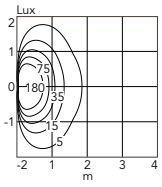
Non Dimmable
- ○ F4355001
- ● F4355006
- ● F4355012
- ● F4355018
- ● F4355030
- ● F4355033

1-10V
- ○ F4355001-310
- ● F4355006-310
- ● F4355012-310
- ● F4355018-310
- ● F4355030-310
- ● F4355033-310

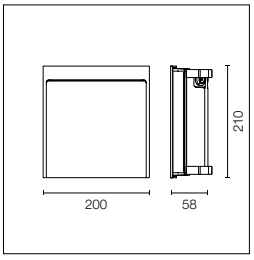
Dali
- ○ F4355001-300
- ● F4355006-300
- ● F4355012-300
- ● F4355018-300
- ● F4355030-300
- ● F4355033-300




400mm @4000K



## My Way 210x200




IP 65 · 1,44 Kg · IK 08 · LED INCL

Stromquelle 220/240 V integriert. Mit einer doppelten Kabelverschraubung aus Kunststoffmaterial mit Kabelquerschnitten von 7,5 < ø < 9,5 mm ausgestattet.

Integrated 220/240V power supply. Supplied with a double lenght in plastic material for 7.5<ø<9.5 mm section cables.

**Mid-Power Led:** 13W - 1357 lm ≠ FIXT 669 lm - 2700K/CRI 80 - 220-240V / 13W - 1577 lm ≠ FIXT 777 lm - 3000K/CRI 80 - 220-240V / 13W - 1656 lm ≠ FIXT 817 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- F4356001
- F4356006
- F4356012
- F4356018
- F4356030
- F4356033

1-10V
- F4356001-310
- F4356006-310
- F4356012-310
- F4356018-310
- F4356030-310
- F4356033-310

Dali
- F4356001-300
- F4356006-300
- F4356012-300
- F4356018-300
- F4356030-300
- F4356033-300

**3000K**

Non Dimmable
- F4357001
- F4357006
- F4357012
- F4357018
- F4357030
- F4357033

1-10V
- F4357001-310
- F4357006-310
- F4357012-310
- F4357018-310
- F4357030-310
- F4357033-310

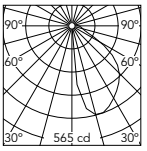
Dali
- F4357001-300
- F4357006-300
- F4357012-300
- F4357018-300
- F4357030-300
- F4357033-300

**4000K**

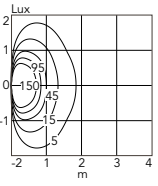
Non Dimmable
- F4358001
- F4358006
- F4358012
- F4358018
- F4358030
- F4358033

1-10V
- F4358001-310
- F4358006-310
- F4358012-310
- F4358018-310
- F4358030-310
- F4358033-310

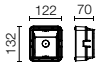
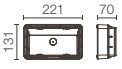
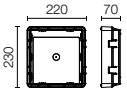
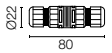
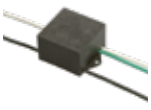
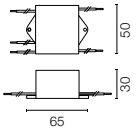
Dali
- F4358001-300
- F4358006-300
- F4358012-300
- F4358018-300
- F4358030-300
- F4358033-300



@4000K

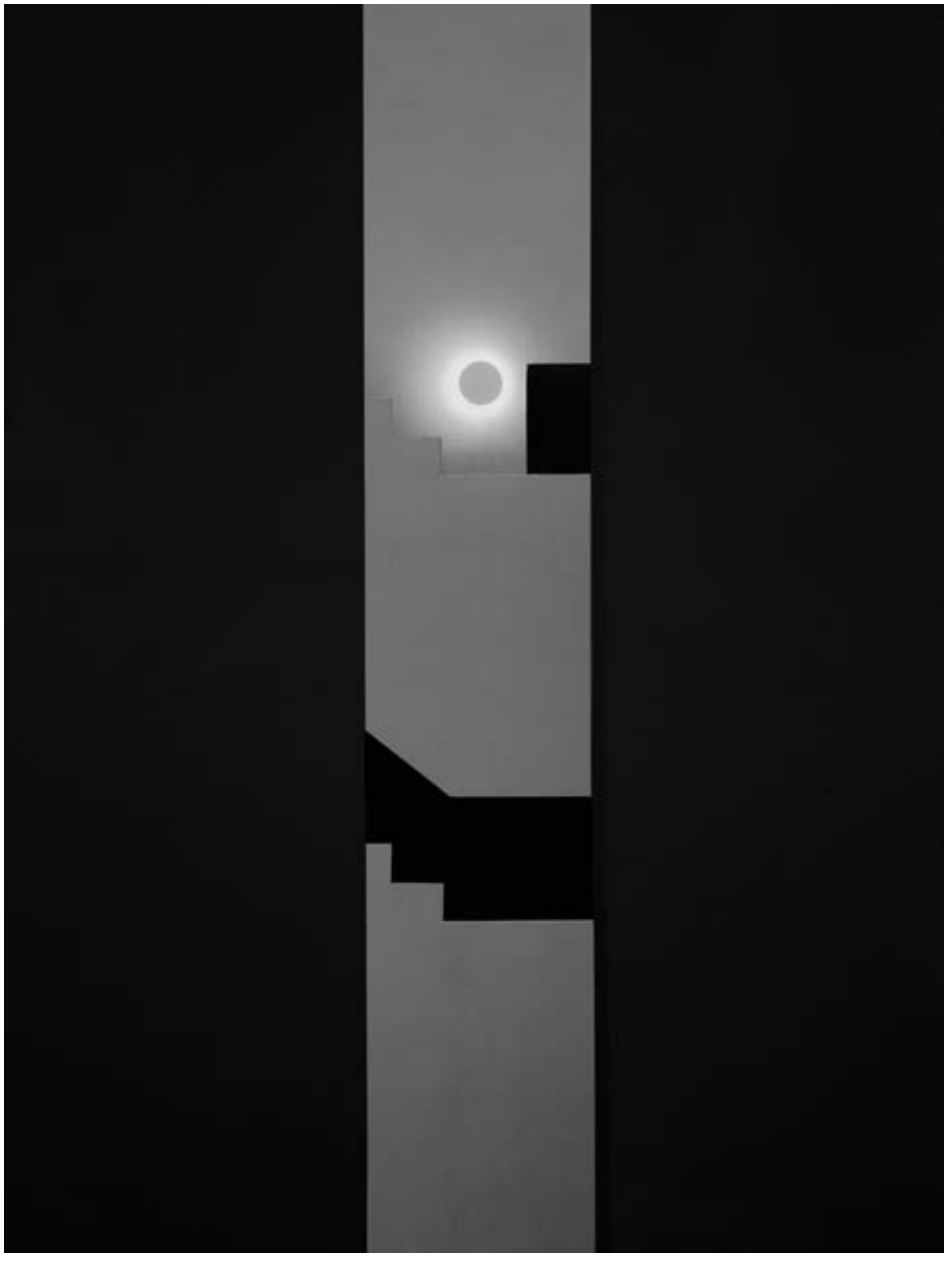



## My Way: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Einbaugehäuse. | Box for installation. | My Way 100x110<br>F4301000 | |  |
| Einbaugehäuse. | Box for installation. | My Way 200x110<br>F4302000 | |  |
| Einbaugehäuse. | Box for installation. | My Way 200x210<br>F4303000 | |  |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 2 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C00A000 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |  |  |

## Camouflage

Designed by Piero Lissoni



Camouflage

## Familie / Family

Camouflage 140

**Mid - Power Led**
8W
474 lm - 2700K/CRI 80
551 lm - 3000K/CRI 80
579 lm - 4000K/CRI 80

Camouflage 240

**Mid - Power Led**
12W
773 lm - 2700K/CRI 80
898 lm - 3000K/CRI 80
944 lm - 4000K/CRI 80

## Ausführungen / Colours

00 Primer

01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

33 Anthracite

Camouflage Stone

87 Basaltina Stone

89 Concrete

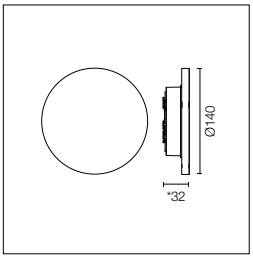
90 Crema d'Orcia Stone

**Beschreibung / Description**

Produktkollektion für den Außenbereich, für die Wandmontage mit LED-Lichtquelle. Kühlkörper aus Aluminium mit Diffusor aus transparentem Polycarbonat.
Die Feinbearbeitungen Stein Crema d'Orcia und Basaltina-Stein werden hergestellt, indem eine Steinscheibe, die mittels mechanischer Verarbeitung aus einem einzigen Stück gefertigt wird, durch einen äußerst beständigen Klebstoff befestigt wird.
Die Betonfeinbearbeitung wird realisiert, indem ein Einkomponenten-Klebstoff mit hoher Widerstandsfähigkeit mit einer Scheibe befestigt wird, die aus Gussbeton hergestellt und mit Glasfaser verstärkt wird. Die Grundierungsversion wird nach der Montage mit gewöhnlichen Farbgebungen auf Wasserbasis lackiert (Tempera, Stuckarbeiten, Lacke auf Wasserbasis), um die beste Homogenität mit der Architektur zu erzielen. Die Versionen aus Aluminium werden mit einer äußerst beständigen Beschichtung veredelt: Nach einer Sandstrahlungsbehandlung aller Bestandteile, damit die Oberfläche porös wird und eine bessere Haftung des Lacks gewährleistet wird, wird die Außenbeschichtung mit einer doppelten Pulverbeschichtung entsprechend dem QUALICOAT-Standard angewendet. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverendschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und Witterungseinflüssen sicher.
Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer Behandlung zur chemischen Konversion unterzogen, um den Oxydationsschutz zu gewährleisten.
Nach vorheriger kommerzieller und technischer Beurteilung können auf Anfrage personalisierte Versionen mit anderen Materialien umgesetzt werden.

Collection of products for outdoor use, for wall installation with LED light source
Dissipating aluminum body with diffuser in transparent polycarbonate.
The Crema d'Orcia and Basaltina stone finishes are made by fastening high-strength, high-resistance adhesive to a stone plate created by means of mechanical machining from a solid block.
The concrete finishing is made by fastening a poured cement plate reinforced with fiberglass using a single component high strength, high-resistance adhesive. The Primer version is painted after installation with normal water-based colors (tempera, stucco, water-based paints) to ensure maximum uniformity with the architecture.
The aluminum versions are finished with a high-resistance coating: after a sandblasting treatment of all components to make the surface porous and ensure a greater adhesion of the paint, the external coating is applied with a double layer with epoxy powders according to the QUALICOAT standard. The first layer of epoxy powder gives chemical and mechanical resistance, the second finishing layer of polyester powder ensures resistance to UV rays and atmospheric agents.
The painted surfaces are treated with alkaline and acidic washes, then rinsed with demineralized water, subjected to a chemical conversion treatment to protect against oxidation.
Upon commercial and technical evaluation, it is possible to create customized versions with other materials on request.

## Camouflage 140




*Concrete, crema d'orcia, basaltina H = 35 mm.

IK 10 · IP 65 · max 0,45 Kg · LED INCL

24V Fernspeisung ist separat zu bestellen. Umfasst ein 100-mm-Stromkabel. Der Treiber kann ferninstalliert werden (Einbaugehäuse nicht notwendig) oder an der Rückseite des Geräts durch ein optionales Einbaugehäuse untergebracht werden.

24V remote power supply to be ordered separately. Includes power cable of 100 mm. The power supply can be installed remotely (installation box not required) or housed at the back of the luminaire in the optional installation box.

**Mid-Power Led:** 8W - 786 lm ≠ FIXT 474 lm - 2700K/CRI 80 - 24V / 8W - 913 lm ≠ FIXT 551 lm - 3000K/CRI 80 - 24V / 8W - 960 lm ≠ FIXT 579 lm - 4000K/CRI 80 - 24V

**2700K**

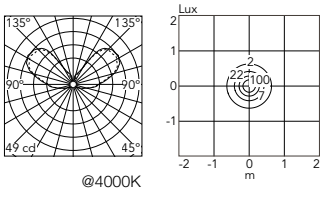
- F1310000
- F1310001
- F1310006
- F1310012
- F1310018
- F1310030
- F1310033
- F1310087
- F1310089
- F1310090

**3000K**

- F1311000
- F1311001
- F1311006
- F1311012
- F1311018
- F1311030
- F1311033
- F1311087
- F1311089
- F1311090

**4000K**

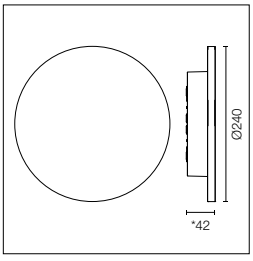
- F1312000
- F1312001
- F1312006
- F1312012
- F1312018
- F1312030
- F1312033
- F1312087
- F1312089
- F1312090




@4000K

Dimmable 1-10V with code RF25750
Dimmable Dali with code RF26387.A

## Camouflage 240




*Concrete, crema d'orcia, basaltina H = 48 mm.

IK 08 · IP 65 · max 1,50 Kg · LED INCL

Stromquelle 220/240V integriert. Mit einem 1.000-mm-Ausgangskabelteil aus Neopren ausgestattet.
110-V-Version auf Anfrage.

Integrated 220/240V power supply. Supplied with a 1000 mm lenght outgoing neoprene cable.
Version 110V upon request.

**Mid-Power Led:** 12W - 1281 lm ≠ FIXT 773 lm - 2700K/CRI 80 - 220-240V / 12W - 1488 lm ≠ FIXT 898 lm - 3000K/CRI 80 - 220-240V / 12W - 1563 lm ≠ FIXT 944 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- F1315000
- F1315001
- F1315006
- F1315012
- F1315018
- F1315030
- F1315033
- F1315087
- F1315089
- F1315090

1-10V
- F1315000-310
- F1315001-310
- F1315006-310
- F1315012-310
- F1315018-310
- F1315030-310
- F1315033-310
- F1315087-310
- F1315089-310
- F1315090-310

Dali
- F1315000-300
- F1315001-300
- F1315006-300
- F1315012-300
- F1315018-300
- F1315030-300
- F1315033-300
- F1315087-300
- F1315089-300
- F1315090-300

**3000K**

Non Dimmable
- F1316000
- F1316001
- F1316006
- F1316012
- F1316018
- F1316030
- F1316033
- F1316087
- F1316089
- F1316090

1-10V
- F1316000-310
- F1316001-310
- F1316006-310
- F1316012-310
- F1316018-310
- F1316030-310
- F1316033-310
- F1316087-310
- F1316089-310
- F1316090-310

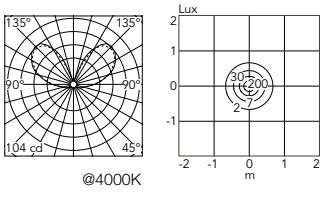
Dali
- F1316000-300
- F1316001-300
- F1316006-300
- F1316012-300
- F1316018-300
- F1316030-300
- F1316033-300
- F1316087-300
- F1316089-300
- F1316090-300

**4000K**

Non Dimmable
- F1317000
- F1317001
- F1317006
- F1317012
- F1317018
- F1317030
- F1317033
- F1317087
- F1317089
- F1317090

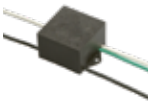
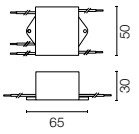
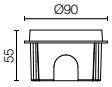
1-10V
- F1317000-310
- F1317001-310
- F1317006-310
- F1317012-310
- F1317018-310
- F1317030-310
- F1317033-310
- F1317087-310
- F1317089-310
- F1317090-310

Dali
- F1317000-300
- F1317001-300
- F1317006-300
- F1317012-300
- F1317018-300
- F1317030-300
- F1317033-300
- F1317087-300
- F1317089-300
- F1317090-300




@4000K

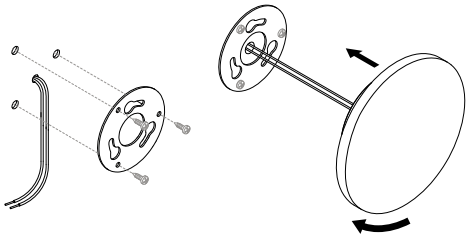
## Camouflage 140: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |  |  |
| Einbaugehäuse. | Box for installation. | F1318000 | |  |

## Wandmontage / Installation on Wall

Option 1

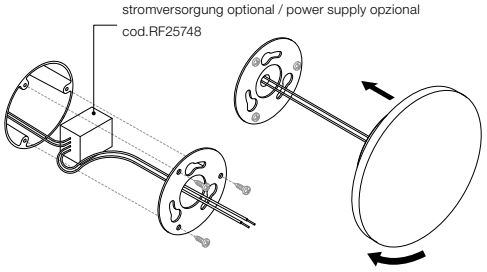
Ohne Einbaugehäuse / Surface installation



externe Stromversorgung 24 Vdc
remote power supply 24Vdc

Option 2

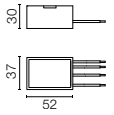
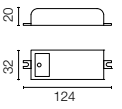
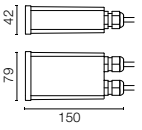
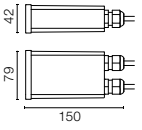
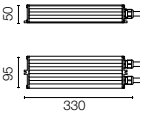
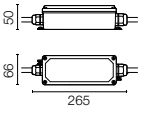
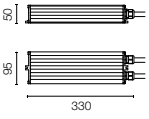
Mit Einbaugehäuse / Recessed box installation




einbaugehäuse mit der Wand bündig
flush with the installation surface

einbaugehäuse / instllation box
cod.F1318000

## Camouflage: Treiber / Drivers

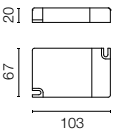
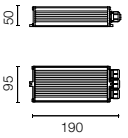
| | | | | |
|---|---|---|---|---|
| Netzgerät für den Ferneinbau 24Vdc 8W 110-240V IP65 Klasse II selv.<br><br>Kann in Einbaugehäuse F1318000 untergebracht werden. | Power supply for remote installation 24Vdc 8W / 110-240V IP65 Class II selv.<br><br>It can be housed in installation box F1318000. | *RF25748 | |  |
| Netzgerät für den Ferneinbau 24Vdc 10W / 110-240V IP20 Klasse II selv. | Power supply for remote installation 24Vdc 10W / 110-240V IP20 Class II selv. | *RF25747 | |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | *RF25752 | |  |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | *F990B23AZ00 | |  |
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |  |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |  |
| Netzgerät für den Ferneinbau 24Vdc 96W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 96W / 120-240V IP67 Class II selv. | *RF25756 | |  |

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | |
|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. |

| | | | |
|---|---|---|---|
| Acc. RF25748 | 1 | Acc. RF25755 | 5 |
| Acc. RF25747 | 1 | Acc. RF25749 | 7 |
| Acc. RF25757 | 1 | Acc. RF25756 | 9 |
| Acc. RF25752 | 2 | | |
| Acc. F990B23AZ00 | 3 | | |

## Camouflage: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Netzgerät für den Ferneinbau 24Vdc 17W /N110-240V (15W@110V) IP20 Klasse II selv. | Power supply for remote installation 24Vdc 17W / 110-240V (15W@110V) IP20 Class II selv. | *RF25750<br>Dimmable 1-10V | |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv. | *RF26387.A<br>Dimmable DALI | |  |

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | | | |
|---|---|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | Acc. RF25750 | 2 |
| | | Acc. RF26387.A | 2 |

## Climber

Designed by Piero Lissoni

Climber

## Familie / Family

Climber 87

**Down**
**Power Led**
7W
387 lm - 2700K/CRI 80
419 lm - 3000K/CRI 80
451 lm - 4000K/CRI 80

**Up&Down**
**Power Led**
12W
2x387 lm - 2700K/CRI 80
2x419 lm - 3000K/CRI 80
2x451 lm - 4000K/CRI 80

Climber 175

**Down**
**Power Led**
12W
721 lm - 2700K/CRI 80
781 lm - 3000K/CRI 80
841 lm - 4000K/CRI 80

**Up&Down**
**Power Led**
21W
2x721 lm - 2700K/CRI 80
2x781 lm - 3000K/CRI 80
2x841 lm - 4000K/CRI 80

Climber 275

**Down**
**Power Led**
21W
1240 lm - 2700K/CRI 80
1344 lm - 3000K/CRI 80
1447 lm - 4000K/CRI 80

**Up&Down**
**Power Led**
40W
2x1240 lm - 2700K/CRI 80
2x1344 lm - 3000K/CRI 80
2x1447 lm - 4000K/CRI 80

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

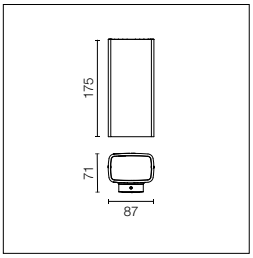
33 Anthracite

**Beschreibung / Description**

Gerät für den Außenbereich für die Wandmontage mit LED-Stromquelle.
Bi-Emissionsversion und Mono-Emission nach unten.
Druckgegossener, kupferarmer Aluminiumkörper EN AB-47100, mit asymmetrischer Optikaufnahme: Die Optik befindet sich im unteren Teil hinten und wird von einem Verdunkelungselement geschützt, um die störende Blendung zu minimieren und den visuellen Komfort zu optimieren. In der Bi-Emissionsversion ist der Verschluss der oberen Optik eng an den Rand der Leuchte anliegend, um Wasserablagerungen zu verhindern.
Die Diffusoren aus mikrotexturiert Glas sind festgeklebt, um die Wasserundurchlässigkeit zu gewährleisten, und texturiert, um die Einheitlichkeit des Lichtbündels, der von einer einzigen LED erzeugt wird, sicherzustellen und eine optimale Leuchtkraft beizubehalten.
Beschichtung mit hoher Beständigkeit: Nach einer Sandstrahlungsbehandlung aller Bestandteile, damit die Oberfläche porös wird und eine bessere Haftung des Lacks gewährleistet wird, wird die Außenbeschichtung mit einer doppelten Pulverbeschichtung entsprechend dem QUALICOAT-Standard angewendet. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverendschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und Witterungseinflüssen sicher.
Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer Behandlung zur chemischen Konversion unterzogen, um den Oxydationsschutz zu gewährleisten.

Luminaire for outdoor use for installation on the wall with LED light supply.
Bi-emission and mono-emission versions pointing downwards.
Aluminum die-cast body EN AB-47100, low copper content with asymmetrical optics housing: the optics in the lower part is retracted and protected by a shutter to restrict annoying glare and maximize visual comfort. In the bi-emission version, the glass of the closure of the upper optics is flush with the edge of the light in order to prevent water deposits.
The micro-texturized glass diffusers are glued to ensure water resistance and textured to ensure a uniform light beam generated by each single LED, maintaining excellent luminous efficiency.
High-resistance coating: after a sandblasting treatment of all components to make the surface porous and ensure a greater adhesion of the paint, the external coating is applied with a double layer with epoxy powders according to the QUALICOAT standard. The first layer of epoxy powder gives chemical and mechanical resistance, the second finishing layer of polyester powder ensures resistance to UV rays and atmospheric agents.
The painted surfaces are treated with alkaline and acidic washes, then rinsed with demineralized water, subjected to a chemical conversion treatment to protect against oxidation.

## Climber 87 Down




IP 65 · IK 06 · 1,17 Kg · LED INCL

Stromquelle 110/240 V integriert. Mit einem 80-mm-Ausgangskabelteil aus Neopren ausgestattet.
Aufwärts gerichtete Monoemissions-Version auf Anfrage erhältlich.

Integrated 110/240V power supply. Supplied with an 80 mm lenght outgoing neoprene cable.
Upwards, single emission version, available upon request.

**Power Led:** 7W - 432 lm ≠ *FIXT 387 lm - 2700K/CRI 80 - 110-240V / 7W - 468 lm ≠ *FIXT 419 lm - 3000K/CRI 80 - 110-240V / 7W - 504 lm ≠ *FIXT 451 lm - 4000K/CRI 80 - 110-240V
*FIXT lm = Spot Optic

### Optic Spot

**2700K**

Non Dimmable
- F1110001
- F1110006
- F1110012
- F1110018
- F1110030
- F1110033

1-10V
- F1110001-310
- F1110006-310
- F1110012-310
- F1110018-310
- F1110030-310
- F1110033-310

Dali
- F1110001-300
- F1110006-300
- F1110012-300
- F1110018-300
- F1110030-300
- F1110033-300

**3000K**

Non Dimmable
- F1112001
- F1112006
- F1112012
- F1112018
- F1112030
- F1112033

1-10V
- F1112001-310
- F1112006-310
- F1112012-310
- F1112018-310
- F1112030-310
- F1112033-310

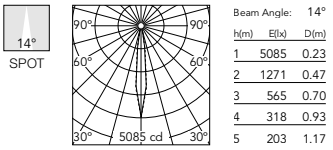
Dali
- F1112001-300
- F1112006-300
- F1112012-300
- F1112018-300
- F1112030-300
- F1112033-300

**4000K**

Non Dimmable
- F1114001
- F1114006
- F1114012
- F1114018
- F1114030
- F1114033

1-10V
- F1114001-310
- F1114006-310
- F1114012-310
- F1114018-310
- F1114030-310
- F1114033-310

Dali
- F1114001-300
- F1114006-300
- F1114012-300
- F1114018-300
- F1114030-300
- F1114033-300




@4000K

| Beam Angle: | 14° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 5085 0.23 |
| 2 | 1271 0.47 |
| 3 | 565 0.70 |
| 4 | 318 0.93 |
| 5 | 203 1.17 |

### Optic Flood

**2700K**

Non Dimmable
- F1111001
- F1111006
- F1111012
- F1111018
- F1111030
- F1111033

1-10V
- F1111001-310
- F1111006-310
- F1111012-310
- F1111018-310
- F1111030-310
- F1111033-310

Dali
- F1111001-300
- F1111006-300
- F1111012-300
- F1111018-300
- F1111030-300
- F1111033-300

**3000K**

Non Dimmable
- F1113001
- F1113006
- F1113012
- F1113018
- F1113030
- F1113033

1-10V
- F1113001-310
- F1113006-310
- F1113012-310
- F1113018-310
- F1113030-310
- F1113033-310

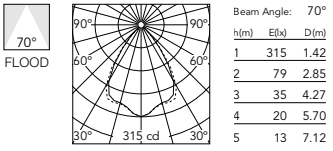
Dali
- F1113001-300
- F1113006-300
- F1113012-300
- F1113018-300
- F1113030-300
- F1113033-300

**4000K**

Non Dimmable
- F1115001
- F1115006
- F1115012
- F1115018
- F1115030
- F1115033

1-10V
- F1115001-310
- F1115006-310
- F1115012-310
- F1115018-310
- F1115030-310
- F1115033-310

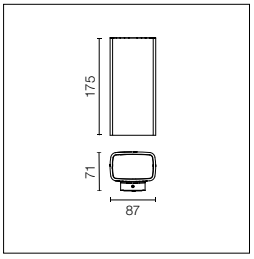
Dali
- F1115001-300
- F1115006-300
- F1115012-300
- F1115018-300
- F1115030-300
- F1115033-300




@4000K

| Beam Angle: | 70° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 315 1.42 |
| 2 | 79 2.85 |
| 3 | 35 4.27 |
| 4 | 20 5.70 |
| 5 | 13 7.12 |

## Climber 87 Up&Down




IP 65 | IK 06 | 1,25 Kg | LED INCL

Stromquelle 110/240 V integriert. Mit einem 80-mm-Ausgangskabelteil aus Neopren ausgestattet.

Integrated 110/240V power supply. Supplied with an 80 mm lenght outgoing neoprene cable.

**Power Led:** 12W - 2x432 lm ≠ *FIXT 2x392 lm - 2700K/CRI 80 - 110-240V / 12W - 2x468 lm ≠ *FIXT 2x425 lm - 3000K/CRI 80 - 110-240V / 12W - 2x504 lm ≠ *FIXT 2x458 lm - 4000K/CRI 80 - 110-240V
*FIXT lm = Spot Optic

### Optic Spot

**2700K**

Non Dimmable
- ○ F1116001
- F1116006
- F1116012
- F1116018
- F1116030
- F1116033

1-10V
- ○ F1116001-310
- F1116006-310
- F1116012-310
- F1116018-310
- F1116030-310
- F1116033-310

Dali
- ○ F1116001-300
- F1116006-300
- F1116012-300
- F1116018-300
- F1116030-300
- F1116033-300

**3000K**

Non Dimmable
- ○ F1118001
- F1118006
- F1118012
- F1118018
- F1118030
- F1118033

1-10V
- ○ F1118001-310
- F1118006-310
- F1118012-310
- F1118018-310
- F1118030-310
- F1118033-310

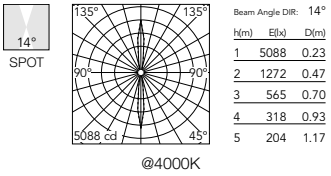
Dali
- ○ F1118001-300
- F1118006-300
- F1118012-300
- F1118018-300
- F1118030-300
- F1118033-300

**4000K**

Non Dimmable
- ○ F1120001
- F1120006
- F1120012
- F1120018
- F1120030
- F1120033

1-10V
- ○ F1120001-310
- F1120006-310
- F1120012-310
- F1120018-310
- F1120030-310
- F1120033-310

Dali
- ○ F1120001-300
- F1120006-300
- F1120012-300
- F1120018-300
- F1120030-300
- F1120033-300




### Optic Flood

**2700K**

Non Dimmable
- ○ F1117001
- F1117006
- F1117012
- F1117018
- F1117030
- F1117033

1-10V
- ○ F1117001-310
- F1117006-310
- F1117012-310
- F1117018-310
- F1117030-310
- F1117033-310

Dali
- ○ F1117001-300
- F1117006-300
- F1117012-300
- F1117018-300
- F1117030-300
- F1117033-300

**3000K**

Non Dimmable
- ○ F1119001
- F1119006
- F1119012
- F1119018
- F1119030
- F1119033

1-10V
- ○ F1119001-310
- F1119006-310
- F1119012-310
- F1119018-310
- F1119030-310
- F1119033-310

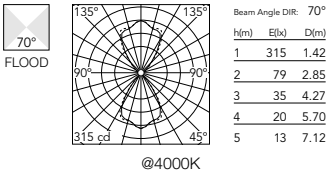
Dali
- ○ F1119001-300
- F1119006-300
- F1119012-300
- F1119018-300
- F1119030-300
- F1119033-300

**4000K**

Non Dimmable
- ○ F1121001
- F1121006
- F1121012
- F1121018
- F1121030
- F1121033

1-10V
- ○ F1121001-310
- F1121006-310
- F1121012-310
- F1121018-310
- F1121030-310
- F1121033-310

Dali
- ○ F1121001-300
- F1121006-300
- F1121012-300
- F1121018-300
- F1121030-300
- F1121033-300

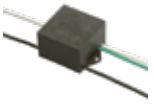


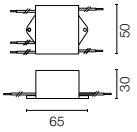

## Climber 87: Zubehörteile / Accessories

Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

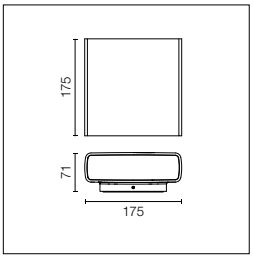
Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.

F990E00A000





## Climber 175 Down




IK 04 | IP 65 | 2,13 Kg | LED INCL.

Stromquelle 110/240 V integriert. Mit einem 80-mm-Ausgangskabelteil aus Neopren ausgestattet.
Aufwärts gerichtete Monoemissions-Version auf Anfrage erhältlich.

Integrated 110/240V power supply. Supplied with an 80 mm lenght outgoing neoprene cable.
Upwards, single emission version, available upon request.

**Power Led:** 12W - 864 lm ≠ *FIXT 721 lm - 2700K/CRI 80 - 110-240V / 12W - 936 lm ≠ *FIXT 781 lm - 3000K/CRI 80 - 110-240V / 12W - 1008 lm ≠ *FIXT 841 lm - 4000K/CRI 80 - 110-240V
*FIXT lm = Spot Optic

### Optic Spot

**2700K**

Non Dimmable
- ○ F1140001
- F1140006
- F1140012
- F1140018
- F1140030
- F1140033

1-10V
- ○ F1140001-310
- F1140006-310
- F1140012-310
- F1140018-310
- F1140030-310
- F1140033-310

Dali
- ○ F1140001-300.A
- F1140006-300.A
- F1140012-300.A
- F1140018-300.A
- F1140030-300.A
- F1140033-300.A

**3000K**

Non Dimmable
- ○ F1142001
- F1142006
- F1142012
- F1142018
- F1142030
- F1142033

1-10V
- ○ F1142001-310
- F1142006-310
- F1142012-310
- F1142018-310
- F1142030-310
- F1142033-310

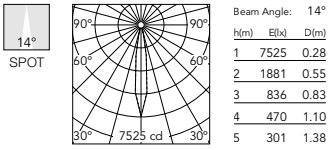
Dali
- ○ F1142001-300.A
- F1142006-300.A
- F1142012-300.A
- F1142018-300.A
- F1142030-300.A
- F1142033-300.A

**4000K**

Non Dimmable
- ○ F1144001
- F1144006
- F1144012
- F1144018
- F1144030
- F1144033

1-10V
- ○ F1144001-310
- F1144006-310
- F1144012-310
- F1144018-310
- F1144030-310
- F1144033-310

Dali
- ○ F1144001-300.A
- F1144006-300.A
- F1144012-300.A
- F1144018-300.A
- F1144030-300.A
- F1144033-300.A




@4000K

| Beam Angle: | | 14° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 7525 | 0.28 |
| 2 | 1881 | 0.55 |
| 3 | 836 | 0.83 |
| 4 | 470 | 1.10 |
| 5 | 301 | 1.38 |

### Optic Flood

**2700K**

Non Dimmable
- ○ F1141001
- F1141006
- F1141012
- F1141018
- F1141030
- F1141033

1-10V
- ○ F1141001-310
- F1141006-310
- F1141012-310
- F1141018-310
- F1141030-310
- F1141033-310

Dali
- ○ F1141001-300.A
- F1141006-300.A
- F1141012-300.A
- F1141018-300.A
- F1141030-300.A
- F1141033-300.A

**3000K**

Non Dimmable
- ○ F1143001
- F1143006
- F1143012
- F1143018
- F1143030
- F1143033

1-10V
- ○ F1143001-310
- F1143006-310
- F1143012-310
- F1143018-310
- F1143030-310
- F1143033-310

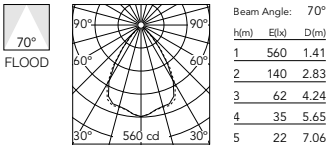
Dali
- ○ F1143001-300.A
- F1143006-300.A
- F1143012-300.A
- F1143018-300.A
- F1143030-300.A
- F1143033-300.A

**4000K**

Non Dimmable
- ○ F1145001
- F1145006
- F1145012
- F1145018
- F1145030
- F1145033

1-10V
- ○ F1145001-310
- F1145006-310
- F1145012-310
- F1145018-310
- F1145030-310
- F1145033-310

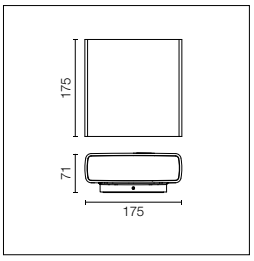
Dali
- ○ F1145001-300.A
- F1145006-300.A
- F1145012-300.A
- F1145018-300.A
- F1145030-300.A
- F1145033-300.A




@4000K

| Beam Angle: | | 70° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 560 | 1.41 |
| 2 | 140 | 2.83 |
| 3 | 62 | 4.24 |
| 4 | 35 | 5.65 |
| 5 | 22 | 7.06 |

## Climber 175 Up&Down




IP 65 · IK 04 · 2,20 Kg · LED INCL

Stromquelle 220/240 V integriert. Mit einem 80-mm-Ausgangskabelteil aus Neopren ausgestattet.

Integrated 220/240V power supply. Supplied with an 80 mm lenght outgoing neoprene cable.

**Power Led:** 21W - 2x864 lm ≠ *FIXT 2x739 lm - 2700K/CRI 80 - 220-240V / 21W - 2x936 lm ≠ *FIXT 2x800 lm - 3000K/CRI 80 - 220-240V / 21W - 2x1008 lm ≠ *FIXT 2x862 lm - 4000K/CRI 80 - 220-240V
*FIXT lm = Spot Optic

### Optic Spot

**2700K**

Non Dimmable
- F1146001
- F1146006
- F1146012
- F1146018
- F1146030
- F1146033

1-10V
- F1146001-310
- F1146006-310
- F1146012-310
- F1146018-310
- F1146030-310
- F1146033-310

Dali
- F1146001-300.A
- F1146006-300.A
- F1146012-300.A
- F1146018-300.A
- F1146030-300.A
- F1146033-300.A

**3000K**

Non Dimmable
- F1148001
- F1148006
- F1148012
- F1148018
- F1148030
- F1148033

1-10V
- F1148001-310
- F1148006-310
- F1148012-310
- F1148018-310
- F1148030-310
- F1148033-310

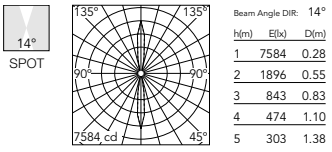
Dali
- F1148001-300.A
- F1148006-300.A
- F1148012-300.A
- F1148018-300.A
- F1148030-300.A
- F1148033-300.A

**4000K**

Non Dimmable
- F1150001
- F1150006
- F1150012
- F1150018
- F1150030
- F1150033

1-10V
- F1150001-310
- F1150006-310
- F1150012-310
- F1150018-310
- F1150030-310
- F1150033-310

Dali
- F1150001-300.A
- F1150006-300.A
- F1150012-300.A
- F1150018-300.A
- F1150030-300.A
- F1150033-300.A




@4000K

| Beam Angle DIR: | 14° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 7584 | 0.28 |
| 2 | 1896 | 0.55 |
| 3 | 843 | 0.83 |
| 4 | 474 | 1.10 |
| 5 | 303 | 1.38 |

### Optic Flood

**2700K**

Non Dimmable
- F1147001
- F1147006
- F1147012
- F1147018
- F1147030
- F1147033

1-10V
- F1147001-310
- F1147006-310
- F1147012-310
- F1147018-310
- F1147030-310
- F1147033-310

Dali
- F1147001-300.A
- F1147006-300.A
- F1147012-300.A
- F1147018-300.A
- F1147030-300.A
- F1147033-300.A

**3000K**

Non Dimmable
- F1149001
- F1149006
- F1149012
- F1149018
- F1149030
- F1149033

1-10V
- F1149001-310
- F1149006-310
- F1149012-310
- F1149018-310
- F1149030-310
- F1149033-310

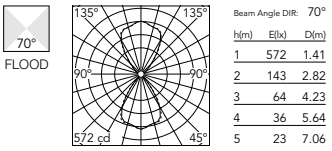
Dali
- F1149001-300.A
- F1149006-300.A
- F1149012-300.A
- F1149018-300.A
- F1149030-300.A
- F1149033-300.A

**4000K**

Non Dimmable
- F1151001
- F1151006
- F1151012
- F1151018
- F1151030
- F1151033

1-10V
- F1151001-310
- F1151006-310
- F1151012-310
- F1151018-310
- F1151030-310
- F1151033-310

Dali
- F1151001-300.A
- F1151006-300.A
- F1151012-300.A
- F1151018-300.A
- F1151030-300.A
- F1151033-300.A




@4000K

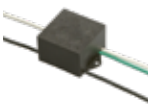
| Beam Angle DIR: | 70° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 572 | 1.41 |
| 2 | 143 | 2.82 |
| 3 | 64 | 4.23 |
| 4 | 36 | 5.64 |
| 5 | 23 | 7.06 |

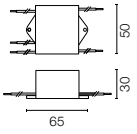
## Climber 175: Zubehörteile / Accessories

Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

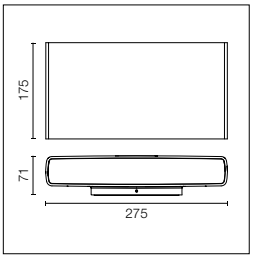
Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.

F990E00A000





## Climber 275 Down




IK 05 | IP 65 | 3,11 Kg | LED INCL.

Stromquelle 110/240 V integriert. Mit einem 80-mm-Ausgangskabelteil aus Neopren ausgestattet.
Aufwärts gerichtete Monoemissions-Version auf Anfrage erhältlich.

Integrated 110/240V power supply. Supplied with an 80 mm lenght outgoing neoprene cable.
Upwards, single emission version, available upon request.

**Power Led:** 21W - 1728 lm ≠ *FIXT 1240 lm - 2700K/CRI 80 - 220-240V / 21W - 1872 lm ≠ *FIXT 1344 lm - 3000K/CRI 80 - 220-240V / 21W - 2016 lm ≠ *FIXT 1447 lm - 4000K/CRI 80 - 220-240V
*FIXT lm = Spot Optic

### Optic Spot

**2700K**

Non Dimmable
- ○ F1170001
- ● F1170006
- ● F1170012
- ● F1170018
- ● F1170030
- ● F1170033

1-10V
- ○ F1170001-310
- ● F1170006-310
- ● F1170012-310
- ● F1170018-310
- ● F1170030-310
- ● F1170033-310

Dali
- ○ F1170001-300
- ● F1170006-300
- ● F1170012-300
- ● F1170018-300
- ● F1170030-300
- ● F1170033-300

**3000K**

Non Dimmable
- ○ F1172001
- ● F1172006
- ● F1172012
- ● F1172018
- ● F1172030
- ● F1172033

1-10V
- ○ F1172001-310
- ● F1172006-310
- ● F1172012-310
- ● F1172018-310
- ● F1172030-310
- ● F1172033-310

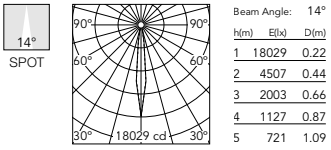
Dali
- ○ F1172001-300
- ● F1172006-300
- ● F1172012-300
- ● F1172018-300
- ● F1172030-300
- ● F1172033-300

**4000K**

Non Dimmable
- ○ F1174001
- ● F1174006
- ● F1174012
- ● F1174018
- ● F1174030
- ● F1174033

1-10V
- ○ F1174001-310
- ● F1174006-310
- ● F1174012-310
- ● F1174018-310
- ● F1174030-310
- ● F1174033-310

Dali
- ○ F1174001-300
- ● F1174006-300
- ● F1174012-300
- ● F1174018-300
- ● F1174030-300
- ● F1174033-300




| Beam Angle: | 14° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 18029 0.22 |
| 2 | 4507 0.44 |
| 3 | 2003 0.66 |
| 4 | 1127 0.87 |
| 5 | 721 1.09 |

@4000K

### Optic Flood

**2700K**

Non Dimmable
- ○ F1171001
- ● F1171006
- ● F1171012
- ● F1171018
- ● F1171030
- ● F1171033

1-10V
- ○ F1171001-310
- ● F1171006-310
- ● F1171012-310
- ● F1171018-310
- ● F1171030-310
- ● F1171033-310

Dali
- ○ F1171001-300
- ● F1171006-300
- ● F1171012-300
- ● F1171018-300
- ● F1171030-300
- ● F1171033-300

**3000K**

Non Dimmable
- ○ F1173001
- ● F1173006
- ● F1173012
- ● F1173018
- ● F1173030
- ● F1173033

1-10V
- ○ F1173001-310
- ● F1173006-310
- ● F1173012-310
- ● F1173018-310
- ● F1173030-310
- ● F1173033-310

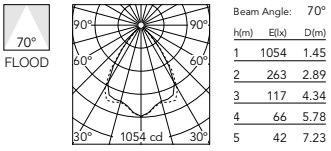
Dali
- ○ F1173001-300
- ● F1173006-300
- ● F1173012-300
- ● F1173018-300
- ● F1173030-300
- ● F1173033-300

**4000K**

Non Dimmable
- ○ F1175001
- ● F1175006
- ● F1175012
- ● F1175018
- ● F1175030
- ● F1175033

1-10V
- ○ F1175001-310
- ● F1175006-310
- ● F1175012-310
- ● F1175018-310
- ● F1175030-310
- ● F1175033-310

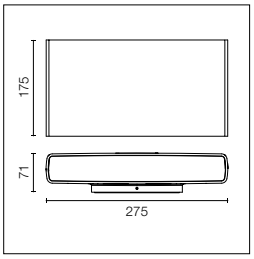
Dali
- ○ F1175001-300
- ● F1175006-300
- ● F1175012-300
- ● F1175018-300
- ● F1175030-300
- ● F1175033-300




| Beam Angle: | 70° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 1054 1.45 |
| 2 | 263 2.89 |
| 3 | 117 4.34 |
| 4 | 66 5.78 |
| 5 | 42 7.23 |

@4000K

## Climber 275 Up&Down




IP 65 · IK 05 · 3,25 Kg · LED INCL

Stromquelle 220/240 V integriert. Mit einem 80-mm-Ausgangskabelteil aus Neopren ausgestattet.

Integrated 220/240V power supply. Supplied with an 80 mm lenght outgoing neoprene cable.

**Power Led:** 40W - 2x1728 lm ≠ *FIXT 2x1264 lm - 2700K/CRI 80 - 220-240V / 40W - 2x1872 lm ≠ *FIXT 2x1370 lm - 3000K/CRI 80 - 220-240V / 40W - 2x2016 lm ≠ *FIXT 2x1475 lm - 4000K/CRI 80 - 220-240V
*FIXT lm = Spot Optic

### Optic Spot

**2700K**

Non Dimmable
- ○ F1176001
- ● F1176006
- ● F1176012
- ● F1176018
- ● F1176030
- ● F1176033

1-10V
- ○ F1176001-310
- ● F1176006-310
- ● F1176012-310
- ● F1176018-310
- ● F1176030-310
- ● F1176033-310

Dali
- ○ F1176001-300
- ● F1176006-300
- ● F1176012-300
- ● F1176018-300
- ● F1176030-300
- ● F1176033-300

**3000K**

Non Dimmable
- ○ F1178001
- ● F1178006
- ● F1178012
- ● F1178018
- ● F1178030
- ● F1178033

1-10V
- ○ F1178001-310
- ● F1178006-310
- ● F1178012-310
- ● F1178018-310
- ● F1178030-310
- ● F1178033-310

Dali
- ○ F1178001-300
- ● F1178006-300
- ● F1178012-300
- ● F1178018-300
- ● F1178030-300
- ● F1178033-300

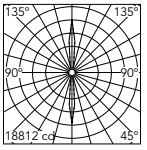
**4000K**

Non Dimmable
- ○ F1180001
- ● F1180006
- ● F1180012
- ● F1180018
- ● F1180030
- ● F1180033

1-10V
- ○ F1180001-310
- ● F1180006-310
- ● F1180012-310
- ● F1180018-310
- ● F1180030-310
- ● F1180033-310

Dali
- ○ F1180001-300
- ● F1180006-300
- ● F1180012-300
- ● F1180018-300
- ● F1180030-300
- ● F1180033-300

14° SPOT




@4000K

| Beam Angle DIR: | 14° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 18812 | 0.22 |
| 2 | 4703 | 0.44 |
| 3 | 2090 | 0.66 |
| 4 | 1176 | 0.87 |
| 5 | 752 | 1.09 |

### Optic Flood

**2700K**

Non Dimmable
- ○ F1177001
- ● F1177006
- ● F1177012
- ● F1177018
- ● F1177030
- ● F1177033

1-10V
- ○ F1177001-310
- ● F1177006-310
- ● F1177012-310
- ● F1177018-310
- ● F1177030-310
- ● F1177033-310

Dali
- ○ F1177001-300
- ● F1177006-300
- ● F1177012-300
- ● F1177018-300
- ● F1177030-300
- ● F1177033-300

**3000K**

Non Dimmable
- ○ F1179001
- ● F1179006
- ● F1179012
- ● F1179018
- ● F1179030
- ● F1179033

1-10V
- ○ F1179001-310
- ● F1179006-310
- ● F1179012-310
- ● F1179018-310
- ● F1179030-310
- ● F1179033-310

Dali
- ○ F1179001-300
- ● F1179006-300
- ● F1179012-300
- ● F1179018-300
- ● F1179030-300
- ● F1179033-300

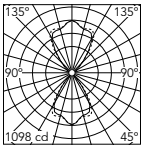
**4000K**

Non Dimmable
- ○ F1181001
- ● F1181006
- ● F1181012
- ● F1181018
- ● F1181030
- ● F1181033

1-10V
- ○ F1181001-310
- ● F1181006-310
- ● F1181012-310
- ● F1181018-310
- ● F1181030-310
- ● F1181033-310

Dali
- ○ F1181001-300
- ● F1181006-300
- ● F1181012-300
- ● F1181018-300
- ● F1181030-300
- ● F1181033-300

70° FLOOD




@4000K

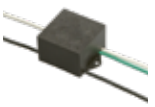
| Beam Angle DIR: | 70° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 1098 | 1.45 |
| 2 | 274 | 2.89 |
| 3 | 122 | 4.34 |
| 4 | 69 | 5.78 |
| 5 | 44 | 7.23 |

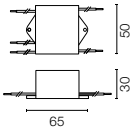
## Climber 275: Zubehörteile / Accessories

Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.

F990E00A000





## Heavy Metal

Heavy Metal Spot

Heavy Metal Wall 1

## Familie / Family

Heavy Metal Spot 1

**Power Led**
up to 3,4W
up to 138 lm - 2700K/CRI 80
up to 149 lm - 3000K/CRI 80
up to 155 lm - 4000K/CRI 80
* Net lumen output

**Power Led**
up to 4,5W
up to 246 lm - 2700K/CRI 80
up to 267 lm - 3000K/CRI 80
up to 277 lm - 4000K/CRI 80
* Net lumen output

Heavy Metal Spot 2

**Power Led**
up to 5,9W
up to 364 lm - 2700K/CRI 80
up to 395 lm - 3000K/CRI 80
up to 410 lm - 4000K/CRI 80
* Net lumen output

Heavy Metal Wall 1

**Power Led**
up to 3,4W
up to 138 lm - 2700K/CRI 80
up to 149 lm - 3000K/CRI 80
up to 155 lm - 4000K/CRI 80
* Net lumen output

**Power Led**
up to 4,5W
up to 246 lm - 2700K/CRI 80
up to 267 lm - 3000K/CRI 80
up to 277 lm - 4000K/CRI 80
* Net lumen output

Heavy Metal Wall 2
Mono / Double

**Power Led**
up to 3,4W
up to 138 lm - 2700K/CRI 80
up to 149 lm - 3000K/CRI 80
up to 155 lm - 4000K/CRI 80
* Net lumen output

**Power Led**
up to 4,5W
up to 246 lm - 2700K/CRI 80
up to 267 lm - 3000K/CRI 80
up to 277 lm - 4000K/CRI 80
* Net lumen output

**Power Led**
up to 6,8W
up to 2x138 lm - 2700K/CRI 80
up to 2x149 lm - 3000K/CRI 80
up to 2x155 lm - 4000K/CRI 80
* Net lumen output

**Power Led**
up to 9W
up to 2x246 lm - 2700K/CRI 80
up to 2x267 lm - 3000K/CRI 80
up to 2x277 lm - 4000K/CRI 80
* Net lumen output

Heavy Metal Wall 3
Mono / Double

**Mid-Power Led**
up to 2,5W
up to 125 lm - 2700K/CRI 80
up to 134 lm - 3000K/CRI 80
up to 142 lm - 4000K/CRI 80
* Net lumen output

**Mid-Power Led**
up to 5W
up to 2x125 lm - 2700K/CRI 80
up to 2x134 lm - 3000K/CRI 80
up to 2x142 lm - 4000K/CRI 80
* Net lumen output

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

33 Anthracite

Komplette Leuchtenfamilie mit LED-Lichtquelle, in verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt.

**Heavy Metal Spot**
Ultrakompakter, verstellbarer Projektor für die Boden-, Wand- oder Deckenmontage, mit separat zu bestellendem Pfosten. Erhältlich in zwei Größen (50x50 mm und 70x70 mm) und mit verschiedenen Abstrahlwinkeln, um unterschiedliche Beleuchtungsanforderungen zu erfüllen. Struktur aus gedrehtem Aluminium, Legierung EN AW 6060 und Befestigungsbügel aus Edelstahl AISI 316L, passend zu den Oberflächen der Leuchte, für ein perfektes Gesamtbild. Der Befestigungsbügel erlaubt eine Neigung von 180° in der vertikalen Achse und eine Neigung von weniger als 20° in der horizontalen Achse, um den Lichtstrahl je nach Bedarf zu lenken. Extraklarer Glas-Diffusor mit Siebdruckkante, mit einem Roboterklebesystem befestigt. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

**Heavy Metal Wall 1**
Wandleuchte. Erhältlich mit monodirektionalem oder bidirektionalem Lichtaustritt und mit verschiedenen Abstrahlwinkeln, um unterschiedliche Beleuchtungsanforderungen zu erfüllen. Gehäuse aus gedrehtem Aluminium, EN AW 6060 Legierung. Wandbefestigungsplatte aus Edelstahl AISI 316L. Extraklarer Glas-Diffusor mit Siebdruckkante, mit einem Roboterklebesystem befestigt. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

**Heavy Metal Wall 2**
Wandleuchte. Erhältlich mit monodirektionalem oder bidirektionalem Lichtaustritt und mit verschiedenen Abstrahlwinkeln, um unterschiedliche Beleuchtungsanforderungen zu erfüllen. Gehäuse aus gedrehtem Aluminium, EN AW 6060 Legierung. Wandbefestigungsplatte aus Edelstahl AISI 316L. Extraklarer Glas-Diffusor mit Siebdruckkante, mit einem Roboterklebesystem befestigt. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

**Heavy Metal Wall 3**
Wandleuchte. Erhältlich mit monodirektionalem oder bidirektionalem Lichtaustritt und einem weichen und diffusen Abstrahlwinkel. Gehäuse aus gedrehtem Aluminium, EN AW 6060 Legierung. Wandbefestigungsplatte aus Edelstahl AISI 316L. Mattierter Glas-Diffusor mit Siebdruckkante, mit einem Roboterklebesystem befestigt. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss. Für eine einfache Installation ist eine 3-Modul-Anschlussdose (Modell 503), in dem auch eine einzelne IP-65-Stromversorgung untergebracht werden kann, optional erhältlich.

Complete family of luminaries with LED light source, available in different finishes with a double layer coating and a chemical conversion surface treatment to guarantee high resistance to corrosion. The fixing screws are made of AISI 316L stainless steel.

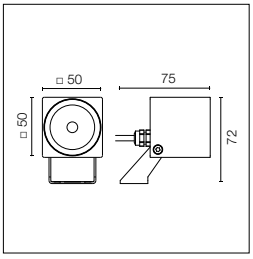
**Heavy Metal Spot**
Ultra-compact, adjustable projector, designed for ground, wall or ceiling installation, and a post to be ordered separately. Available in two sizes (50x50 mm and 70x70 mm) and with different beam angles to meet different lighting requirements. Turned aluminium structure, EN AW 6060 alloy and AISI 316L stainless steel fixing bracket matching the luminaire finishes for a perfect overall look. The fixing bracket allows an orientation of 180° on the vertical axis and an orientation of less than 20° on the horizontal axis in order to direct the light beam according to requirements. Extra clear glass diffuser with silkscreen border, fixed through a robotic gluing system 24V dc luminaire powered by a remote power supply to be ordered separately.

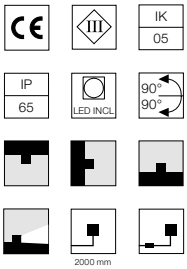
**Heavy Metal Wall 1**
Wall luminaire. Available with monodirectional or bidirectional light emission and with different beam angles to meet different lighting requirements. Turned aluminium body, EN AW 6060 alloy. Stainless steel AISI 316L wall fixing plate. Extra clear glass diffuser with silkscreen border, fixed through a robotic gluing system. 24V dc luminaire powered by a remote power supply to be ordered separately.

**Heavy Metal Wall 2**
Wall luminaire. Available with monodirectional or bidirectional light emission and with different beam angles to meet different lighting requirements. Turned aluminium body, EN AW 6060 alloy. Stainless steel AISI 316L wall fixing plate. Extra clear glass diffuser with silkscreen border, fixed through a robotic gluing system. 24V dc luminaire powered by a remote power supply to be ordered separately.

**Heavy Metal Wall 3**
Wall luminaire. Available with monodirectional or bidirectional light emission and a smooth and diffuse beam angle. Turned aluminium body, EN AW 6060 alloy. Stainless steel AISI 316L wall fixing plate. Frosted glass diffuser with silkscreen border, fixed through a robotic gluing system. 24V dc luminaire powered by a remote power supply to be ordered separately. For easy installation, a 3 modules junction box (model 503), where a single IP 65 power supply can also be placed, is available as an option.

## Heavy Metal Spot 1



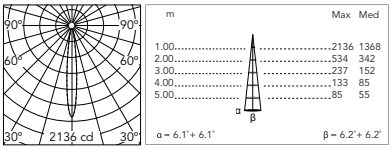

Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren.
Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Extra clear transparent glass.

### Optic Spot 10°

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50900501 | ○ FA50900301 | ○ FA50900201 |
| ● FA50900506 | ● FA50900306 | ● FA50900206 |
| ● FA50900512 | ● FA50900312 | ● FA50900212 |
| ● FA50900518 | ● FA50900318 | ● FA50900218 |
| ● FA50900530 | ● FA50900330 | ● FA50900230 |
| ● FA50900533 | ● FA50900333 | ● FA50900233 |

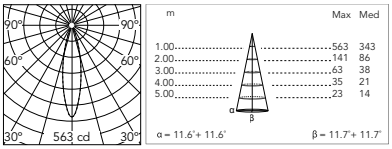



@ 3000K

### Optic Medium 30°

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50901501 | ○ FA50901301 | ○ FA50901201 |
| ● FA50901506 | ● FA50901306 | ● FA50901206 |
| ● FA50901512 | ● FA50901312 | ● FA50901212 |
| ● FA50901518 | ● FA50901318 | ● FA50901218 |
| ● FA50901530 | ● FA50901330 | ● FA50901230 |
| ● FA50901533 | ● FA50901333 | ● FA50901233 |



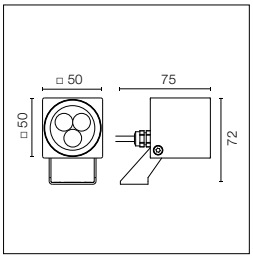

@ 3000K

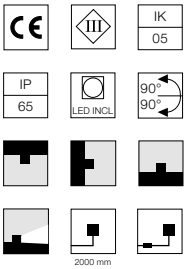
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | |
|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. |

| | | | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF25752 | 3 |
| Acc. RF25748 | 1 | Acc. RF25755 | 9 |
| Acc. RF25747 | 2 | Acc. RF25749 | 17 |
| Acc. RF25757 | 2 | | |

## Heavy Metal HP Spot 1



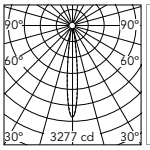

Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren.
Extraklares transparentes Glas.

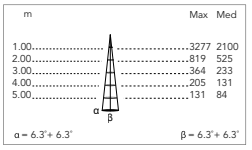
LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Extra clear transparent glass.

### Optic Spot 10°

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 246 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 267 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 277 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50902501 | ○ FA50902301 | ○ FA50902201 |
| ● FA50902506 | ● FA50902306 | ● FA50902206 |
| ● FA50902512 | ● FA50902312 | ● FA50902212 |
| ● FA50902518 | ● FA50902318 | ● FA50902218 |
| ● FA50902530 | ● FA50902330 | ● FA50902230 |
| ● FA50902533 | ● FA50902333 | ● FA50902233 |



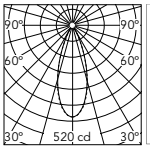



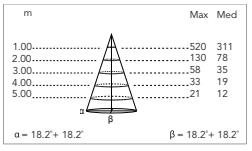

@ 3000K

### Optic Medium 30°

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 218 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 236 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 245 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50903501 | ○ FA50903301 | ○ FA50903201 |
| ● FA50903506 | ● FA50903306 | ● FA50903206 |
| ● FA50903512 | ● FA50903312 | ● FA50903212 |
| ● FA50903518 | ● FA50903318 | ● FA50903218 |
| ● FA50903530 | ● FA50903330 | ● FA50903230 |
| ● FA50903533 | ● FA50903333 | ● FA50903233 |



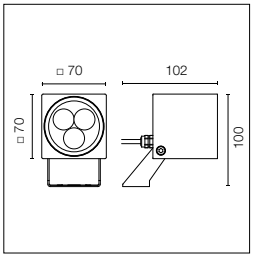



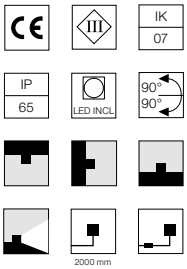

@ 3000K

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | | | | | |
|---|---|---|---|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | Acc. RF25754 | 1 | Acc. RF25757 | 2 |
| | | Acc. RF25748 | 1 | Acc. RF25755 | 7 |
| | | Acc. RF25747 | 2 | Acc. RF25749 | 14 |

## Heavy Metal Spot 2



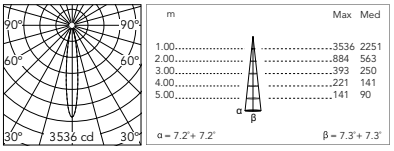

Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren.
Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Extra clear transparent glass.

### Optic Spot 10°

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 359 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 389 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 404 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50904501 | ○ FA50904301 | ○ FA50904201 |
| ● FA50904506 | ● FA50904306 | ● FA50904206 |
| ● FA50904512 | ● FA50904312 | ● FA50904212 |
| ● FA50904518 | ● FA50904318 | ● FA50904218 |
| ● FA50904530 | ● FA50904330 | ● FA50904230 |
| ● FA50904533 | ● FA50904333 | ● FA50904233 |

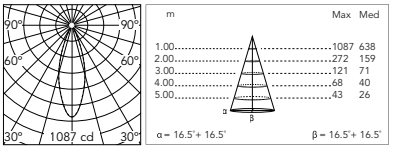



@ 3000K

### Optic Medium 30°

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 364 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 395 lm - 30 00K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 410 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50906501 | ○ FA50906301 | ○ FA50906201 |
| ● FA50906506 | ● FA50906306 | ● FA50906206 |
| ● FA50906512 | ● FA50906312 | ● FA50906212 |
| ● FA50906518 | ● FA50906318 | ● FA50906218 |
| ● FA50906530 | ● FA50906330 | ● FA50906230 |
| ● FA50906533 | ● FA50906333 | ● FA50906233 |

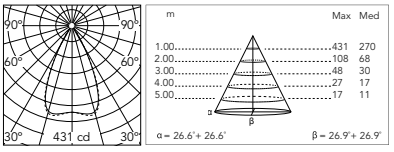



@ 3000K

### Optic Flood 50°

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 329 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 357 lm - 30 00K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 371 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50905501 | ○ FA50905301 | ○ FA50905201 |
| ● FA50905506 | ● FA50905306 | ● FA50905206 |
| ● FA50905512 | ● FA50905312 | ● FA50905212 |
| ● FA50905518 | ● FA50905318 | ● FA50905218 |
| ● FA50905530 | ● FA50905330 | ● FA50905230 |
| ● FA50905533 | ● FA50905333 | ● FA50905233 |




@ 3000K

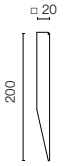
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

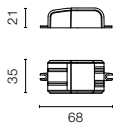
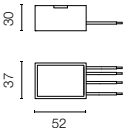
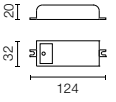
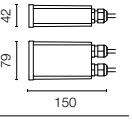
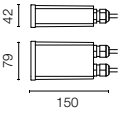
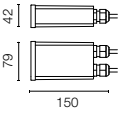
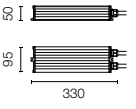
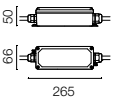
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25747 | 1 | Acc. RF25755 | 6 |
| Acc. RF25757 | 1 | Acc. RF25749 | 12 |
| Acc. RF25752 | 2 | | |

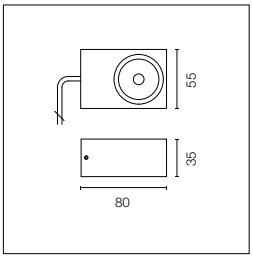
## Heavy Metal Spot: Zubehörteile / Accessories

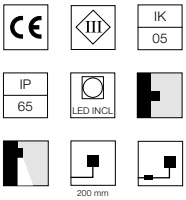
| | | | | |
|---|---|---|---|---|
| Erdspieß. | Ground spike. | FA136 | |   |

## Heavy Metal Spoti: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W /100÷240 V IP20 Klasse II Selv Eq. | Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq. | *RF25754 | |   |
| Netzgerät 24V 8W / 110-240V IP65 Klasse II selv. | Power supply 24V 8W / 110-240V IP65 Class II selv. | *RF25748 | |   |
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | *RF25747 | |   |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 | |   |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | *RF25752 | |   |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | F990B23AZ00 | |   |
| Netzgerät 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |   |
| Netzgerät 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |   |

## Heavy Metal Wall 1



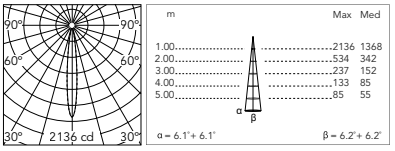

Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren.
Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Extra clear transparent glass.

### Optic Spot 10°

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50800501 | ○ FA50800301 | ○ FA50800201 |
| ● FA50800506 | ● FA50800306 | ● FA50800206 |
| ● FA50800512 | ● FA50800312 | ● FA50800212 |
| ● FA50800518 | ● FA50800318 | ● FA50800218 |
| ● FA50800530 | ● FA50800330 | ● FA50800230 |
| ● FA50800533 | ● FA50800333 | ● FA50800233 |

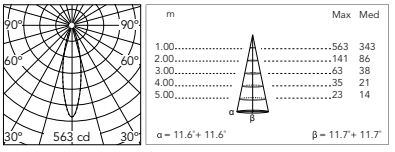



@ 3000K

### Optic Medium 30°

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50801501 | ○ FA50801301 | ○ FA50801201 |
| ● FA50801506 | ● FA50801306 | ● FA50801206 |
| ● FA50801512 | ● FA50801312 | ● FA50801212 |
| ● FA50801518 | ● FA50801318 | ● FA50801218 |
| ● FA50801530 | ● FA50801330 | ● FA50801230 |
| ● FA50801533 | ● FA50801333 | ● FA50801233 |




@ 3000K

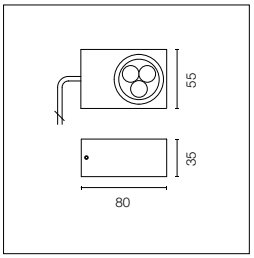
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

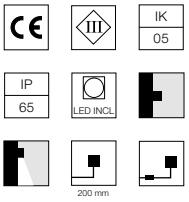
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF25752 | 3 |
| Acc. RF25748 | 1 | Acc. RF25755 | 9 |
| Acc. RF25747 | 2 | Acc. RF25749 | 17 |
| Acc. RF25757 | 2 | | |

## Heavy Metal HP Wall 1



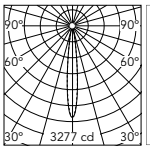

Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren.
Extraklares transparentes Glas.

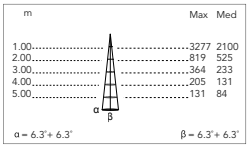
LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Extra clear transparent glass.

### Optic Spot 10°

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 246 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 267 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 277 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50802501 | ○ FA50802301 | ○ FA50802201 |
| ● FA50802506 | ● FA50802306 | ● FA50802206 |
| ● FA50802512 | ● FA50802312 | ● FA50802212 |
| ● FA50802518 | ● FA50802318 | ● FA50802218 |
| ● FA50802530 | ● FA50802330 | ● FA50802230 |
| ● FA50802533 | ● FA50802333 | ● FA50802233 |



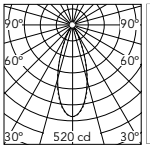



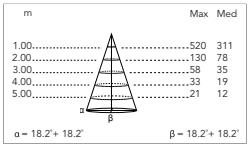

@ 3000K

### Optic Medium 30°

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 218 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 236 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 245 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50803501 | ○ FA50803301 | ○ FA50803201 |
| ● FA50803506 | ● FA50803306 | ● FA50803206 |
| ● FA50803512 | ● FA50803312 | ● FA50803212 |
| ● FA50803518 | ● FA50803318 | ● FA50803218 |
| ● FA50803530 | ● FA50803330 | ● FA50803230 |
| ● FA50803533 | ● FA50803333 | ● FA50803233 |




@ 3000K

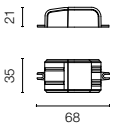
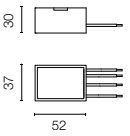
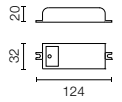
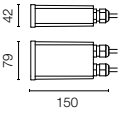
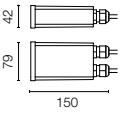
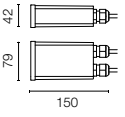
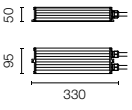
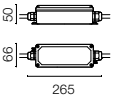
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

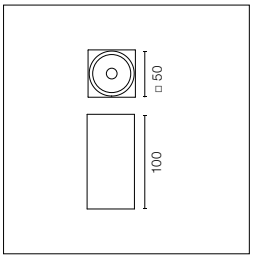
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

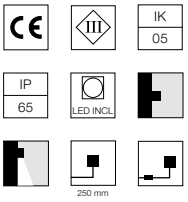
| | | | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF25757 | 2 |
| Acc. RF25748 | 1 | Acc. RF25755 | 7 |
| Acc. RF25747 | 2 | Acc. RF25749 | 14 |

## Heavy Metal Wall 1: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W /100÷240 V IP20 Klasse II Selv Eq. | Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq. | *RF25754 | |  |
| Netzgerät 24V 8W / 110-240V IP65 Klasse II selv. | Power supply 24V 8W / 110-240V IP65 Class II selv. | *RF25748 | |  |
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | *RF25747 | |  |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 | |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | Heavy Metal Wall 1 2,2W<br>*RF25752 | |  |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | F990B23AZ00 | |  |
| Netzgerät 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |  |
| Netzgerät 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |  |

## Heavy Metal Wall 2 Mono



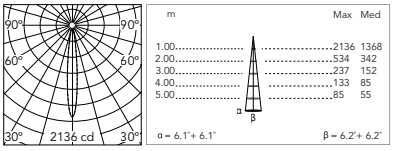

Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren.
Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Extra clear transparent glass.

**Optic Spot 10°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50700501 | ○ FA50700301 | ○ FA50700201 |
| ● FA50700506 | ● FA50700306 | ● FA50700206 |
| ● FA50700512 | ● FA50700312 | ● FA50700212 |
| ● FA50700518 | ● FA50700318 | ● FA50700218 |
| ● FA50700530 | ● FA50700330 | ● FA50700230 |
| ● FA50700533 | ● FA50700333 | ● FA50700233 |

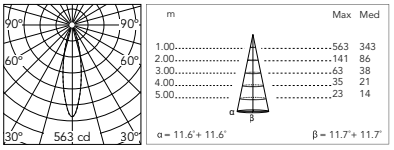



@ 3000K

**Optic Medium 30°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50701501 | ○ FA50701301 | ○ FA50701201 |
| ● FA50701506 | ● FA50701306 | ● FA50701206 |
| ● FA50701512 | ● FA50701312 | ● FA50701212 |
| ● FA50701518 | ● FA50701318 | ● FA50701218 |
| ● FA50701530 | ● FA50701330 | ● FA50701230 |
| ● FA50701533 | ● FA50701333 | ● FA50701233 |




@ 3000K

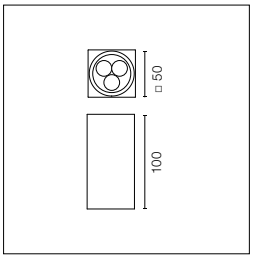
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

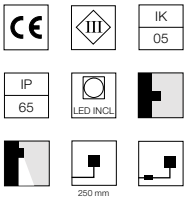
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF25752 | 3 |
| Acc. RF25748 | 1 | Acc. RF25755 | 9 |
| Acc. RF25747 | 2 | Acc. RF25749 | 17 |
| Acc. RF25757 | 2 | | |

## Heavy Metal HP Wall 2 Mono



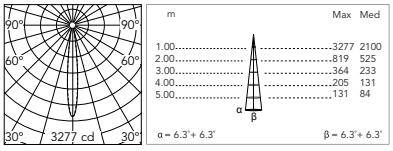

Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren.
Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Extra clear transparent glass.

**Optic Spot 10°**

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 246 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 267 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 277 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50702501 | ○ FA50702301 | ○ FA50702201 |
| ● FA50702506 | ● FA50702306 | ● FA50702206 |
| ● FA50702512 | ● FA50702312 | ● FA50702212 |
| ● FA50702518 | ● FA50702318 | ● FA50702218 |
| ● FA50702530 | ● FA50702330 | ● FA50702230 |
| ● FA50702533 | ● FA50702333 | ● FA50702233 |

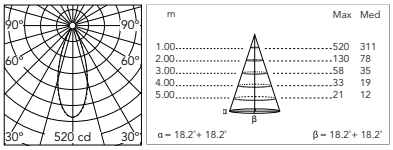



@ 3000K

**Optic Medium 30°**

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 218 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 236 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 245 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50703501 | ○ FA50703301 | ○ FA50703201 |
| ● FA50703506 | ● FA50703306 | ● FA50703206 |
| ● FA50703512 | ● FA50703312 | ● FA50703212 |
| ● FA50703518 | ● FA50703318 | ● FA50703218 |
| ● FA50703530 | ● FA50703330 | ● FA50703230 |
| ● FA50703533 | ● FA50703333 | ● FA50703233 |




@ 3000K

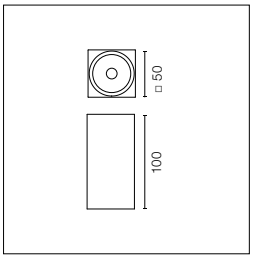
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

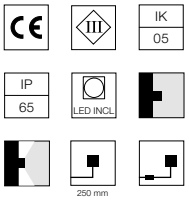
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF25757 | 2 |
| Acc. RF25748 | 1 | Acc. RF25755 | 7 |
| Acc. RF25747 | 2 | Acc. RF25749 | 14 |

## Heavy Metal Wall 2 Double



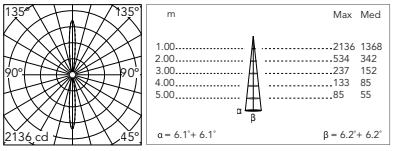

Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren.
Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Extra clear transparent glass.

**Optic Spot 10°**

**Power Led:** 6,8W - 2x199 lm ≠ OUTPUT 2x138 lm - 2700K/CRI 80 - 24Vdc / 6,8W - 2x215 lm ≠ OUTPUT 2x149 lm - 3000K/CRI 80 - 24Vdc / 6,8W - 2x224 lm ≠ OUTPUT 2x155 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50710501 | ○ FA50710301 | ○ FA50710201 |
| ● FA50710506 | ● FA50710306 | ● FA50710206 |
| ● FA50710512 | ● FA50710312 | ● FA50710212 |
| ● FA50710518 | ● FA50710318 | ● FA50710218 |
| ● FA50710530 | ● FA50710330 | ● FA50710230 |
| ● FA50710533 | ● FA50710333 | ● FA50710233 |

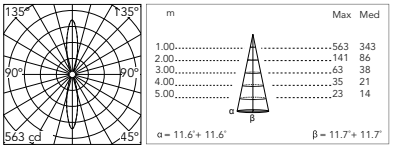



@ 3000K

**Optic Medium 30°**

**Power Led:** 6,8W - 2x199 lm ≠ OUTPUT 2x121 lm - 2700K/CRI 80 - 24Vdc / 6,8W - 2x215 lm ≠ OUTPUT 2x131 lm - 3000K/CRI 80 - 24Vdc / 6,8W - 2x224 lm ≠ OUTPUT 2x136 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50711501 | ○ FA50711301 | ○ FA50711201 |
| ● FA50711506 | ● FA50711306 | ● FA50711206 |
| ● FA50711512 | ● FA50711312 | ● FA50711212 |
| ● FA50711518 | ● FA50711318 | ● FA50711218 |
| ● FA50711530 | ● FA50711330 | ● FA50711230 |
| ● FA50711533 | ● FA50711333 | ● FA50711233 |




@ 3000K

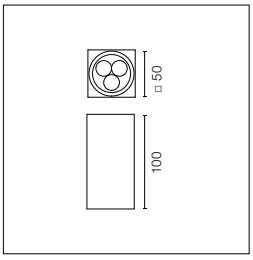
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

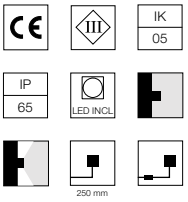
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25747 | 1 | Acc. RF25755 | 5 |
| Acc. RF25757 | 1 | Acc. RF25749 | 8 |
| Acc. RF25752 | 2 | | |

## Heavy Metal HP Wall 2 Double



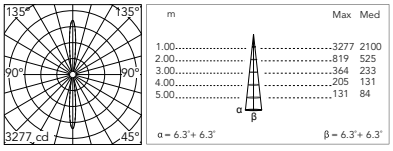

Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren.
Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Extra clear transparent glass.

**Optic Spot 10°**

**Power Led:** 9W - 2x331 lm ≠ OUTPUT 2x246 lm - 2700K/CRI 80 - 24Vdc / 9W - 2x359 lm ≠ OUTPUT 2x267 lm - 3000K/CRI 80 - 24Vdc / 9W - 2x373 lm ≠ OUTPUT 2x277 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50712501 | ○ FA50712301 | ○ FA50712201 |
| ● FA50712506 | ● FA50712306 | ● FA50712206 |
| ● FA50712512 | ● FA50712312 | ● FA50712212 |
| ● FA50712518 | ● FA50712318 | ● FA50712218 |
| ● FA50712530 | ● FA50712330 | ● FA50712230 |
| ● FA50712533 | ● FA50712333 | ● FA50712233 |

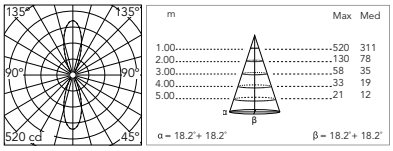



@ 3000K

**Optic Medium 30°**

**Power Led:** 9W - 2x331 lm ≠ OUTPUT 2x218 lm - 2700K/CRI 80 - 24Vdc / 9W - 2x359 lm ≠ OUTPUT 2x236 lm - 3000K/CRI 80 - 24Vdc / 9W - 2x373 lm ≠ OUTPUT 2x245 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA50713501 | ○ FA50713301 | ○ FA50713201 |
| ● FA50713506 | ● FA50713306 | ● FA50713206 |
| ● FA50713512 | ● FA50713312 | ● FA50713212 |
| ● FA50713518 | ● FA50713318 | ● FA50713218 |
| ● FA50713530 | ● FA50713330 | ● FA50713230 |
| ● FA50713533 | ● FA50713333 | ● FA50713233 |

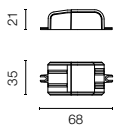
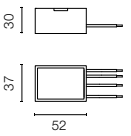
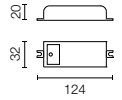
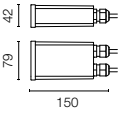
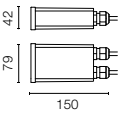
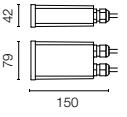
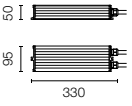
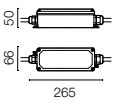



@ 3000K

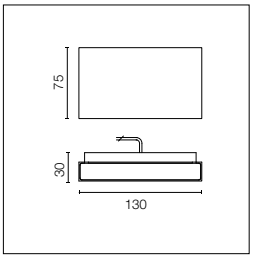
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

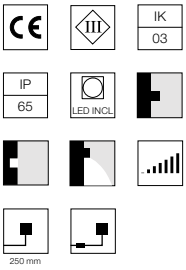
| | | | |
|---|---|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | Acc. RF25747 | 1 |
| | | Acc. RF25757 | 1 |
| | | Acc. RF25755 | 3 |
| | | Acc. RF25749 | 7 |

## Heavy Metal Wall 2: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W /100÷240 V IP20 Klasse II Selv Eq. | Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq. | Heavy Metal Wall 2 Mono<br>*RF25754 | |  |
| Netzgerät 24V 8W / 110-240V IP65 Klasse II selv. | Power supply 24V 8W / 110-240V IP65 Class II selv. | Heavy Metal Wall 2 Double<br>*RF25748 | |  |
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | *RF25747 | |  |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 | |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | *RF25752 | |  |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | F990B23AZ00 | |  |
| Netzgerät 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |  |
| Netzgerät 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |  |

## Heavy Metal Wall 3 Mono



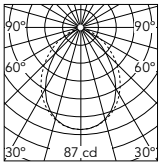



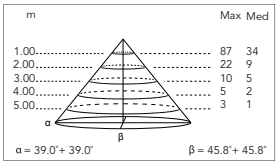

Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren.
Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Extra clear transparent glass.

**Mid-Power Led:** 2,5W - 246 lm ≠ OUTPUT 162 lm - 2700K/CRI 80 - 24Vdc / 2,5W - 265 lm ≠ OUTPUT 168 lm - 3000K/CRI 80 - 24Vdc / 2,5W - 278 lm ≠ OUTPUT 174 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51200501 | ○ FA51200301 | ○ FA51200201 |
| ● FA51200506 | ● FA51200306 | ● FA51200206 |
| ● FA51200512 | ● FA51200312 | ● FA51200212 |
| ● FA51200518 | ● FA51200318 | ● FA51200218 |
| ● FA51200530 | ● FA51200330 | ● FA51200230 |
| ● FA51200533 | ● FA51200333 | ● FA51200233 |




@ 3000K

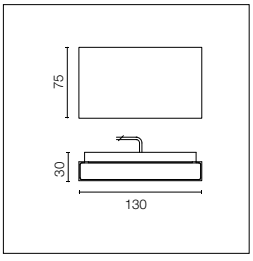
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

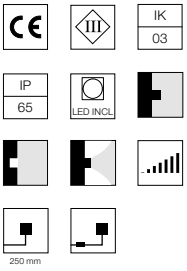
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25754 | 3 | Acc. RF26387.A | 6 |
| Acc. RF25748 | 3 | Acc. RF25752 | 8 |
| Acc. RF25747 | 4 | Acc. RF25755 | 20 |
| Acc. RF25757 | 4 | Acc. RF25749 | 25 |
| Acc. RF25750 | 6 | Acc. RF25756 | 35 |
| Acc. F990B21A000 | 6 | | |

## Heavy Metal Wall 3 Double



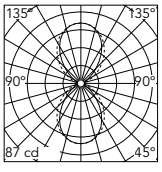



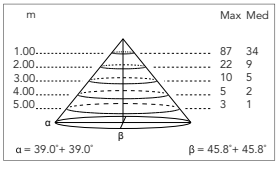

Inklusive LED-Quelle. Die elektrische Fernstromversorgung 24 V Gleichstrom ON/OFF muss separat bestellt werden. Inklusive Wandbefestigungsbügel. Ausgestattet mit einem 2 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren.
Extraklares transparentes Glas.

LED source included. Electric remote 24V dc ON/OFF power supply to be ordered separately. Wall fixing bracket included. The luminaire is equipped with a protruding, neoprene, 250 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Extra clear transparent glass.

**Mid-Power Led:** 5W - 2x246 lm ≠ OUTPUT 2x162 lm - 2700K/CRI 80 - 24Vdc / 5W - 2x265 lm ≠ OUTPUT 2x168 lm - 3000K/CRI 80 - 24Vdc / 5W - 2x278 lm ≠ OUTPUT 2x174 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51201501 | ○ FA51201301 | ○ FA51201201 |
| ● FA51201506 | ● FA51201306 | ● FA51201206 |
| ● FA51201512 | ● FA51201312 | ● FA51201212 |
| ● FA51201518 | ● FA51201318 | ● FA51201218 |
| ● FA51201530 | ● FA51201330 | ● FA51201230 |
| ● FA51201533 | ● FA51201333 | ● FA51201233 |




@ 3000K

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF26387.A | 3 |
| Acc. RF25748 | 1 | Acc. RF25752 | 4 |
| Acc. RF25747 | 2 | Acc. RF25755 | 10 |
| Acc. RF25757 | 2 | Acc. RF25749 | 13 |
| Acc. RF25750 | 3 | Acc. RF25756 | 17 |
| Acc. F990B21A000 | 3 | | |

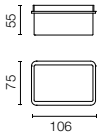
## Heavy Metal Wall 3: Zubehörteile / Accessories

Eingebaute 3-Modul-Anschlussdose (Modell 503), 106x75, H 55 mm.

Recessed 3-module junction box (model 503) 106 x 75 H 55 mm.

Heavy Metal Wall 3

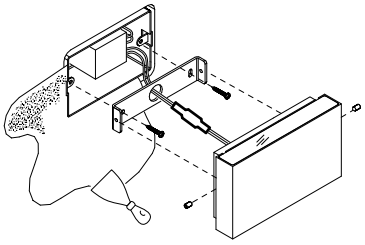
F990H010000




## Heavy Metal Wall 3 Installation acc. F990H010000

Heavy Metal Wall 3 mit Dose. Optional: Stromversorgung Code 106 in Einbaudose.

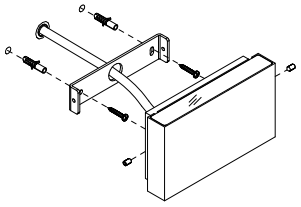
Heavy Metal Wall 3 with box. Optional: power supply code 106 in recessed box.



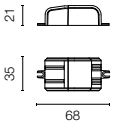
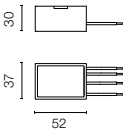
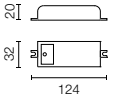
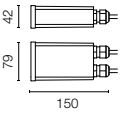
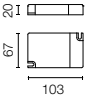
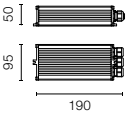
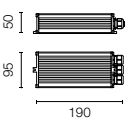
## Heavy Metal Wall 3 Installation acc. F990H010000

Heavy Metal Wall 3 ohne Dose.

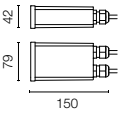
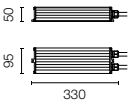
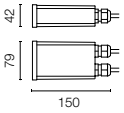
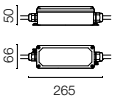
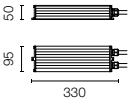
Heavy Metal Wall 3 without box.



## Heavy Metal Wall 3: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W /100÷240 V IP20 Klasse II Selv Eq. | Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq. | *RF25754 | |   |
| Netzgerät für 24Vdc 8W / 110-240V IP65 Klasse II selv. | Power supply 24Vdc 8W / 110-240V IP65 Class II selv. | *RF25748 | |   |
| Netzgerät für den Ferneinbau 24Vdc 10W / 110-240V IP20 Klasse II selv. | Power supply for remote installation 24Vdc 10W /110-240V IP20 Class II selv. | *RF25747 | |   |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 | |   |
| Netzgerät für den Ferneinbau 24Vdc 17W /N110-240V (15W@110V) IP20 Klasse II selv. | Power supply for remote installation 24Vdc 17W / 110-240V (15W@110V) IP20 Class II selv. | *RF25750 Dimmable 1-10V | |   |
| Netzgerät 17W/110÷240V - 24Vdc (15W@110V) IP67 Klasse II selv. | Power supply 17W/110÷240V - 24Vdc (15W@110V) IP67 Class II Selv. | *F990B21A000 | |   |
| Netzgerät für den Ferneinbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv. | *RF26387.A Dimmable DALI | |   |

## Heavy Metal Wall 3: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | *RF25752 | |  |
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |  |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | F990B23AZ00 | |  |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |  |
| Netzgerät für den Ferneinbau 24Vdc 96W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 96W / 120-240V IP67 Class II selv. | *RF25756 | |  |

## Marco

Marco Mono

Marco Double

## Familie / Family

Marco Mono

**Power Led**
up to 3W
up to 103 lm - 2700K/CRI 80
up to 110 lm - 3000K/CRI 80
up to 114 lm - 4000K/CRI 80
* Net lumen output

Marco Double

**Power Led**
up to 4W
up to 2x103 lm - 2700K/CRI 80
up to 2x110 lm - 3000K/CRI 80
up to 2x114 lm - 4000K/CRI 80
* Net lumen output

Marco
Omnidirectional

**Power Led**
up to 7W
up to 4x103 lm - 2700K/CRI 80
up to 4x110 lm - 3000K/CRI 80
up to 4x114 lm - 4000K/CRI 80
* Net lumen output

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

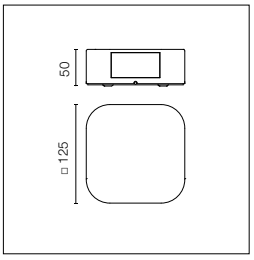
33 Anthracite

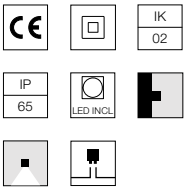
**Beschreibung / Description**

Wandleuchte für Außenbereiche mit LED-Lichtquelle. Sie zeichnet sich durch ihre eckige Form mit runden Profilen und geringem Überstand aus. Erhältlich in verschiedenen Kombinationen von Abstrahlwinkeln und Emissionsfenstern, um verschiedene Lichtbilder an der Wand schaffen zu können. Struktur aus Aluminiumdruckguss, Legierung EN AB-47100 (mit geringem Kupferanteil) und Befestigungsbügel aus Edelstahl AISI 304. Extraklarer Glas-Diffusor mit Siebdruckkante, am Rand der Leuchte mit einem Roboterklebesystem befestigt, um Wasseransammlung zu vermeiden. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt und haben minimale Abmessungen für eine perfekte, streifende Integration in die Leuchtenstruktur.

Outdoor wall luminaire with LED light source. It is characterized by its square shape with rounded profiles and reduced protrusion. Available in different combinations of beam angles and emission windows, which allow the creation of luminous graphic signs flush with the wall. Die-cast aluminium structure, EN AB-47100 alloy (with low copper content) and AISI 304 stainless steel fixing bracket. Extra clear glass diffuser with silkscreen border, fixed flush with the luminaire's edge through a robotic gluing system in order to prevent water deposits. Available in different finishes with a double layer coating and a chemical conversion surface treatment to guarantee high resistance to corrosion. The fixing screws are made of AISI 316L stainless steel and of minimal dimensions for a perfect, grazing integration into the luminaire's structure.

## Marco Mono



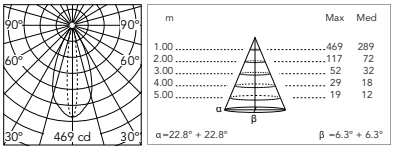

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Wandbefestigungsbügel. Ausgestattet mit zwei Kabelführungen aus Gummi (5 mm<ø<9 mm Kabel) für Inlet-Outlet-Anschlüsse.

LED source included. Integrated electric power supply 220-240V ON/OFF. Wall fixing bracket included. Equipped with two rubber cable guides (5mm<Ø<9mm) that facilitate the inlet-outlet connection.

**Optic Spot 10°**

**Power Led:** 3W - 139 lm ≠ OUTPUT 103 lm - 2700K/CRI 80 - 100÷240V / 3W - 149 lm ≠ OUTPUT 110 lm - 3000K/CRI 80 - 100÷240V / 3W - 154 lm ≠ OUTPUT 114 lm - 4000K/CRI 80 - 100÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1072764301 | ○ FA1071164301 | ○ FA1072304301 |
| ● FA1072764306 | ● FA1071164306 | ● FA1072304306 |
| ● FA1072764312 | ● FA1071164312 | ● FA1072304312 |
| ● FA1072764318 | ● FA1071164318 | ● FA1072304318 |
| ● FA1072764330 | ● FA1071164330 | ● FA1072304330 |
| ● FA1072764333 | ● FA1071164333 | ● FA1072304333 |

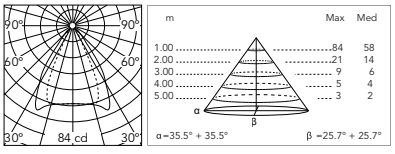



@ 3000K

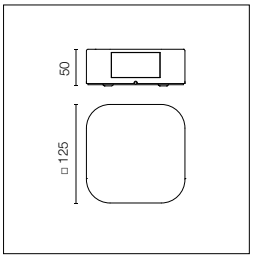
**Optic Flood 75°**

**Power Led:** 3W - 139 lm ≠ OUTPUT 101 lm - 2700K/CRI 80 - 100÷240V / 3W - 149 lm ≠ OUTPUT 108 lm - 3000K/CRI 80 - 100÷240V / 3W - 154 lm ≠ OUTPUT 111 lm - 4000K/CRI 80 - 100÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1072765001 | ○ FA1071165001 | ○ FA1072305001 |
| ● FA1072765006 | ● FA1071165006 | ● FA1072305006 |
| ● FA1072765012 | ● FA1071165012 | ● FA1072305012 |
| ● FA1072765018 | ● FA1071165018 | ● FA1072305018 |
| ● FA1072765030 | ● FA1071165030 | ● FA1072305030 |
| ● FA1072765033 | ● FA1071165033 | ● FA1072305033 |




@ 3000K




IP 65 · IK 02 · LED INCL

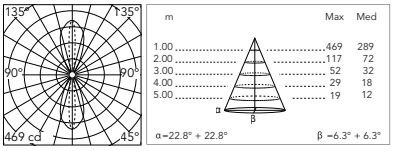
Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Wandbefestigungsbügel. Ausgestattet mit zwei Kabelführungen aus Gummi (5 mm<ø<9 mm Kabel) für Inlet-Outlet-Anschlüsse.

LED source included. Integrated electric power supply 220-240V ON/OFF. Wall fixing bracket included. Equipped with two rubber cable guides (5mm<Ø<9mm) that facilitate the inlet-outlet connection.

**Optic Spot 10°**

**Power Led:** 4W - 2x139 lm ≠ OUTPUT 2x103 lm - 2700K/CRI 80 - 100÷240V / 4W - 2x149 lm ≠ OUTPUT 2x110 lm - 3000K/CRI 80 - 100÷240V / 4W - 2x154 lm ≠ OUTPUT 2x114 lm - 4000K/CRI 80 - 100÷240V

| 2700K | | 3000K | 4000K |
|---|---|---|---|
| ○ FA1072794401 | 222,00 € | ○ FA1071194401 | ○ FA1072314401 |
| ● FA1072794406 | 222,00 € | ● FA1071194406 | ● FA1072314406 |
| ● FA1072794412 | 222,00 € | ● FA1071194412 | ● FA1072314412 |
| ● FA1072794418 | 222,00 € | ● FA1071194418 | ● FA1072314418 |
| ● FA1072794430 | 222,00 € | ● FA1071194430 | ● FA1072314430 |
| ● FA1072794433 | 222,00 € | ● FA1071194433 | ● FA1072314433 |

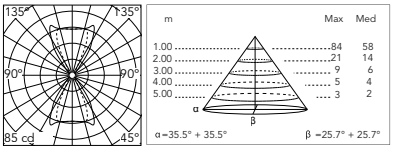



@ 3000K

**Optic Flood 75°**

**Power Led:** 4W - 2x139 lm ≠ OUTPUT 2x101lm - 2700K/CRI 80 - 100÷240V / 4W - 2x149 lm ≠ OUTPUT 2x108 lm - 3000K/CRI 80 - 100÷240V / 4W - 2x154 lm ≠ OUTPUT 2x111 lm - 4000K/CRI 80 - 100÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1072795101 | ○ FA1071195101 | ○ FA1072315101 |
| ● FA1072795106 | ● FA1071195106 | ● FA1072315106 |
| ● FA1072795112 | ● FA1071195112 | ● FA1072315112 |
| ● FA1072795118 | ● FA1071195118 | ● FA1072315118 |
| ● FA1072795130 | ● FA1071195130 | ● FA1072315130 |
| ● FA1072795133 | ● FA1071195133 | ● FA1072315133 |

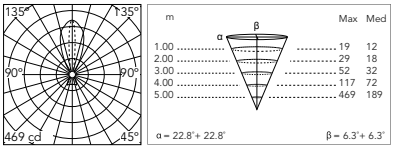



@ 3000K

**Optic Spot 10°+Flood 75°**

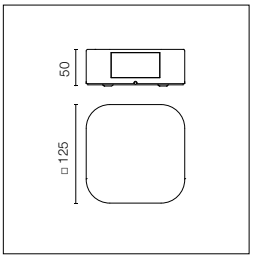
**Power Led:** 4W - 2x139 lm ≠ OUTPUT 2x103+101 lm - 2700K/CRI 80 - 100÷240V / 4W - 2x149 lm ≠ OUTPUT 2x110+108 lm - 3000K/CRI 80 - 100÷240V / 4W - 2x154 lm ≠ OUTPUT 2x114+111 lm - 4000K/CRI 80 - 100÷240V

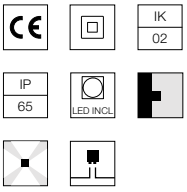
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1072725301 | ○ FA1071225301 | ○ FA1072315301 |
| ● FA1072725306 | ● FA1071225306 | ● FA1072315306 |
| ● FA1072725312 | ● FA1071225312 | ● FA1072315312 |
| ● FA1072725318 | ● FA1071225318 | ● FA1072315318 |
| ● FA1072725330 | ● FA1071225330 | ● FA1072315330 |
| ● FA1072725333 | ● FA1071225333 | ● FA1072315333 |




@ 3000K

## Marco Omnidirectional



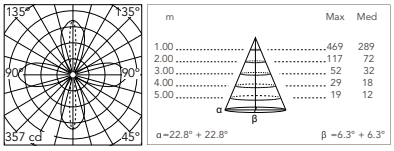

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Wandbefestigungsbügel. Ausgestattet mit zwei Kabelführungen aus Gummi (5 mm<ø<9 mm Kabel) für Inlet-Outlet-Anschlüsse.

LED source included. Integrated electric power supply 220-240V ON/OFF. Wall fixing bracket included. Equipped with two rubber cable guides (5mm<Ø<9mm) that facilitate the inlet-outlet connection.

### Optic Spot 10°

**Power Led:** 7W - 4x139 lm ≠ OUTPUT 4x103 lm - 2700K/CRI 80 - 100÷240V / 7W - 4x149 lm ≠ OUTPUT 4x110 lm - 3000K/CRI 80 - 100÷240V / 7W - 4x154 lm ≠ OUTPUT 4x114 lm - 4000K/CRI 80 - 100÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1072724701 | ○ FA107924501 | ○ FA1072324501 |
| ● FA1072724706 | ● FA107924506 | ● FA1072324506 |
| ● FA1072724712 | ● FA107924512 | ● FA1072324512 |
| ● FA1072724718 | ● FA107924518 | ● FA1072324518 |
| ● FA1072724730 | ● FA107924530 | ● FA1072324530 |
| ● FA1072724733 | ● FA107924533 | ● FA1072324533 |

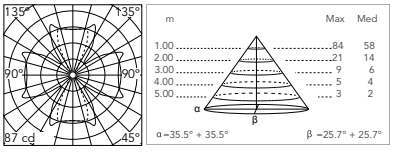



@ 3000K

### Optic Flood 75°

**Power Led:** 7W - 4x139 lm ≠ OUTPUT 4x101 lm - 2700K/CRI 80 - 100÷240V / 7W - 4x149 lm ≠ OUTPUT 4x108 lm - 3000K/CRI 80 - 100÷240V / 7W - 4x154 lm ≠ OUTPUT 4x111 lm - 4000K/CRI 80 - 100÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1072724901 | ○ FA107925201 | ○ FA1072325201 |
| ● FA1072724906 | ● FA107925206 | ● FA1072325206 |
| ● FA1072724912 | ● FA107925212 | ● FA1072325212 |
| ● FA1072724918 | ● FA107925218 | ● FA1072325218 |
| ● FA1072724930 | ● FA107925230 | ● FA1072325230 |
| ● FA1072724933 | ● FA107925233 | ● FA1072325233 |



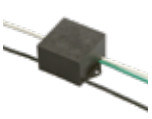

@ 3000K

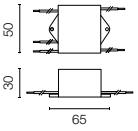
## Marco: Zubehörteile / Accessories

Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.

F990E00A000





# Fenestra

Designed by Flos Outdoor

Fenestra

## Familie / Family

Fenestra 24V

**Power Led**
4W
165 lm - 2700K/CRI 80
183 lm - 3000K/CRI 80
201 lm - 4000K/CRI 80

Fenestra

**Power Led**
5,5W
165 lm - 2700K/CRI 80
183 lm - 3000K/CRI 80
201 lm - 4000K/CRI 80

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

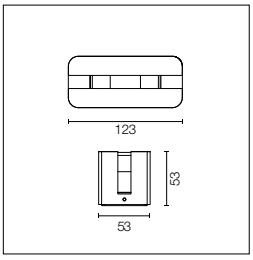
33 Anthracite

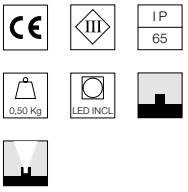
**Beschreibung / Description**

Gerät für den Außenbereich, kann im Fensterraum installiert werden, mit LED-Stromquelle.
Aus druckgegossenem, kupferarmem Aluminium EN AB-47100 gefertigter Gerätekörper.
Beschichtung mit hoher Beständigkeit: Nach einer Sandstrahlungsbehandlung aller Bestandteile, damit die Oberfläche porös wird und eine bessere Haftung des Lacks gewährleistet wird, wird die Außenbeschichtung mit einer doppelten Pulverbeschichtung entsprechend dem QUALICOAT-Standard angewendet. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverendschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und Witterungseinflüssen sicher.
Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer Behandlung zur chemischen Konversion unterzogen, um den Oxydationsschutz zu gewährleisten.
Dank der Verwendung einer doppelten LED-Quelle und zweier Linsen mit Lamellenemission wird eine Abdeckung von 270° mit homogener Verteilung und optimaler chromatischer Einheitlichkeit garantiert.
Diffusor aus Polycarbonat, UV-beständig, Silikon-Dichtung.

Luminaire for outdoor use for installation in a window compartment with LED light source.
Luminaire body in die-cast aluminum EN AB-47100 (low copper content).
High-resistance coating: after a sandblasting treatment of all components to make the surface porous and ensure a greater adhesion of the paint, the external coating is applied with a double layer with epoxy powders according to the QUALICOAT standard. The first layer of epoxy powder gives chemical and mechanical resistance, the second finishing layer of polyester powder ensures resistance to UV rays and atmospheric agents.
The painted surfaces are treated with alkaline and acidic washes, then rinsed with demineralized water, subjected to a chemical conversion treatment to protect against oxidation.
Thanks to the use of a dual LED source and two laminar emitting lenses, it guarantees a coverage of 270° with homogeneous distribution and excellent color uniformity.
UV-stabilized polycarbonate diffuser, silicone seal.
Each luminaire is equipped with a mechanical adjustment system of up to 10° to compensate the tilting of the parapet and thus correctly orient the light beam.

## Fenestra 24V




Externe Stromversorgung (12-24V) muss separat bestellt werden. Mit einem 1.000-mm-Ausgangskabelteil aus Neopren ausgestattet.

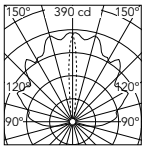
12-24V remote power supply to be ordered separately. Equipped with a 1000 mm lenght outgoing neoprene cable.

**Power Led:** 4W - 274 lm ≠ FIXT 165 lm - 2700K/CRI 80 - 12-24V / 4W - 304 lm ≠ FIXT 183 lm - 3000K/CRI 80 - 12-24V / 4W - 334 lm ≠ FIXT 201 lm - 4000K/CRI 80 - 12-24V

**2700K**
- ○ F2250001
- F2250006
- F2250012
- F2250018
- F2250030
- F2250033

**3000K**
- ○ F2251001
- F2251006
- F2251012
- F2251018
- F2251030
- F2251033

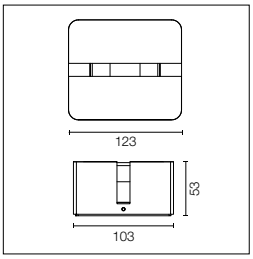
**4000K**
- ○ F2252001
- F2252006
- F2252012
- F2252018
- F2252030
- F2252033

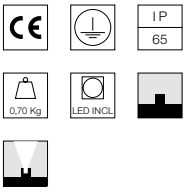



@4000K

| Beam Angle: | | 10° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 390 | 7.63 |
| 2 | 97 | 15.26 |
| 3 | 43 | 22.89 |
| 4 | 24 | 30.52 |
| 5 | 16 | 38.15 |

## Fenestra




Stromquelle 100/240 V integriert. Mit einem 1000-mm-Ausgangskabelteil aus Neopren ausgestattet.
Dimmbare Version auf Anfrage.

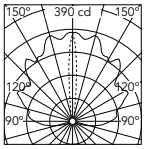
Integrated 100/240V power supply. Equipped with an 1000 mm lenght outgoing neoprene cable.
Dimmable version on request.

**Power Led:** 5,5W - 274 lm ≠ FIXT 165 lm - 2700K/CRI 80 - 100-240V / 5,5W - 304 lm ≠ FIXT 183 lm - 3000K/CRI 80 - 100-240V / 5,5W - 334 lm ≠ FIXT 201 lm - 4000K/CRI 80 - 100-240V

**2700K**
- ○ F2260001
- F2260006
- F2260012
- F2260018
- F2260030
- F2260033

**3000K**
- ○ F2261001
- F2261006
- F2261012
- F2261018
- F2261030
- F2261033

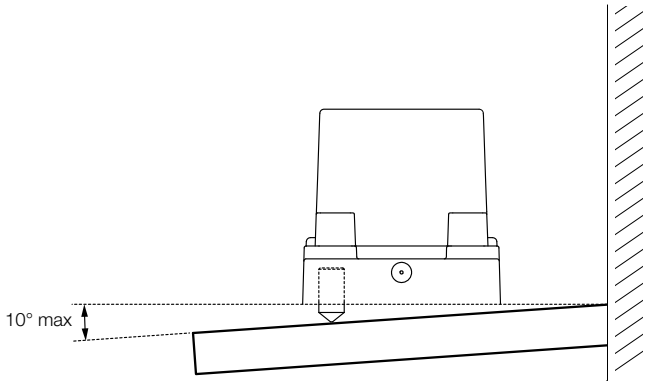
**4000K**
- ○ F2262001
- F2262006
- F2262012
- F2262018
- F2262030
- F2262033



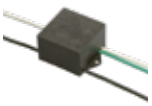
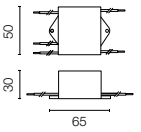

@4000K

| Beam Angle: | | 10° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 390 | 7.63 |
| 2 | 97 | 15.26 |
| 3 | 43 | 22.89 |
| 4 | 24 | 30.52 |
| 5 | 16 | 38.15 |

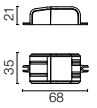
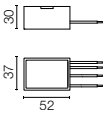
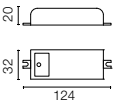
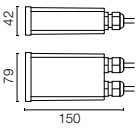
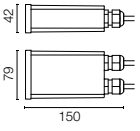
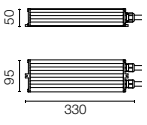
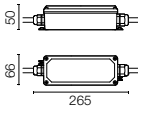
## Einstellen der Leuchte für nicht ebene Auflageflächen
## Luminaire adjustment for non-planar surfaces



## Fenestra 24V: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |  |  |

## Fenestra 24V: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Netzgerät 24V 8W / 110-240V IP20 Klasse II selv. | Power supply 24V 8W / 110-240V IP20 Class II selv. | *RF25754 | |  |
| Netzgerät 24V 8W / 110-240V IP65 Klasse II selv. | Power supply 24V 8W / 110-240V IP65 Class II selv. | *RF25748 | |  |
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | *RF25747 | |  |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 | |  |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | *F990B23AZ00 | |  |
| Netzgerät 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |  |
| Netzgerät 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |  |

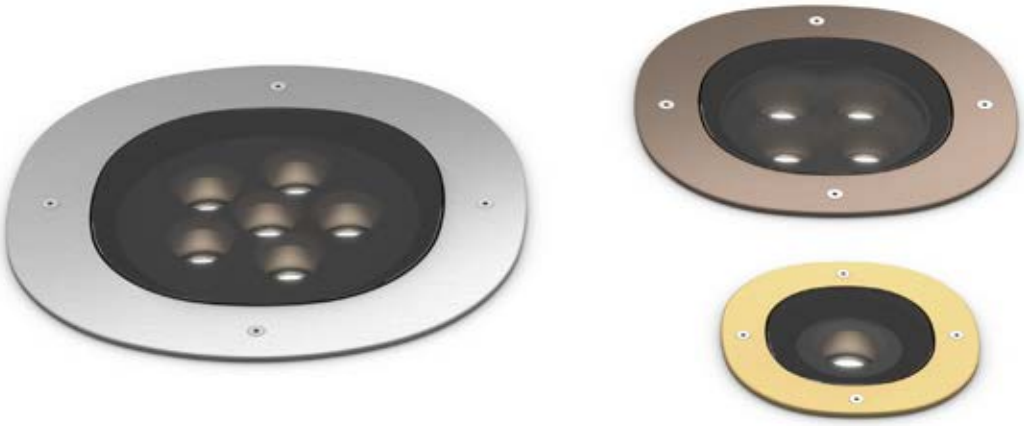
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | |
|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. |

| | |
|---|---|
| Acc. RF25754 | 1 |
| Acc. RF25748 | 1 |
| Acc. RF25747 | 2 |
| Acc. RF25757 | 2 |
| Acc. F990B23AZ00 | 6 |
| Acc. RF25755 | 9 |
| Acc. RF25749 | 13 |

## A-Round

Designed by Piero Lissoni



A-Round

## Familie / Family

A-Round 315

**Power Led**
42W
3432 lm - 2700K/CRI 80
3978 lm - 3000K/CRI 80
4290 lm - 4000K/CRI 80

A-Round 240

**Power Led**
21W
1760 lm - 2700K/CRI 80
2040 lm - 3000K/CRI 80
2200 lm - 4000K/CRI 80

A-Round 150

**Power Led**
8W
572 lm - 2700K/CRI 80
663 lm - 3000K/CRI 80
715 lm - 4000K/CRI 80

## Ausführungen / Colours

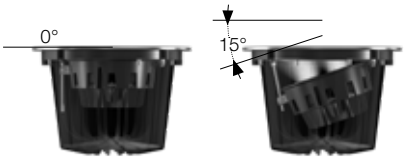
65 Matt Copper

45 Matt Gold

48 Matt Bronze

56 Matt Stainless Steel

Einstellung auf der vertikale Achse: max. 15°
Adjustment on the vertical axis: max 15°



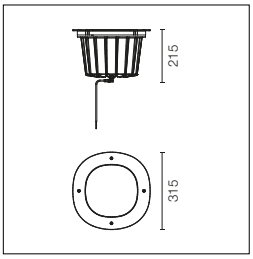

Drehung um die horizontalen Achse: max. 359°
Rotation around the horizontal axis: max 359°

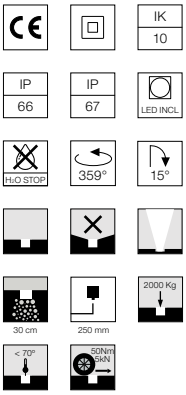
## Beschreibung / Description

Begehbares und befahrbares LED-Bodeneinbaugerät für Außenbereiche, in drei Dimensionen verfügbar, mit verstellbarer und mit unterschiedlichen Konfigurationen einstellbarer Optik.
Äußere Nutmutter aus Edelstahl AISI 316L, die mit dem PVD-Verfahren behandelt wurde (Physikalische Beschichtung aus der Dampfphase).
Dank dieser innovativen Behandlung werden die Oberflächen von A-Round mit einem dünnen Film aus Metallen wie Zirkonium oder Titan versehen, der kombiniert mit dem Stahl auf Molekularebene die Widerstandsfähigkeit gegenüber mechanischen und witterungsbedingten Einflüssen verbessert.
Aus druckgegossenem, kupferarmem Aluminium EN AB-47100 gefertigter Gerätekörper, mit doppelter Lackschicht mit hohem Korrosionswiderstand beschichtet.
Gehärtetes, transparentes Glas mit hoher Widerstandsfähigkeit, siebgedruckt, um die Blendung zu verringern.
Treiber für Ferninstallation eingeschlossen, ausgestattet mit wasserdichtem Schnellanschluss M12.
Für die Installation ist ein Einbaugehäuse notwendig, das separat zu bestellen ist.
Ein entsprechendes Kieselniveau (> 300 mm) oder ein Ablaufsystem muss bereitgestellt werden, um die Entwässerung sicherzustellen und den Wasserrückstau zu verhindern.
Um die Widerstandsfähigkeit der Kabelverschraubung zu gewährleisten, müssen biegsame Stromkabel verwendet werden, die für die Anwendung in Außenbereichen geeignet sind.

Ground-recessed luminaire for outdoor use, walkable and trafficable, available in three sizes, with adjustable optics in various configurations.
External body made of stainless steel AISI 316L treated with the PVD process (Physical Vapour Deposition).
Thanks to this innovative treatment, the surfaces of A-Round are coated with a thin film of metals, such as zirconium and titanium which, combining with the steel at the molecular level, increases the resistance to both, mechanical and atmospheric agents, permitting the execution of elegant and durable finishings.
The body of the luminaire is made of die-cast aluminum EN AB-47100 with low copper content, coated with two layers of paint with high resistance to corrosion.
High-strength tempered clear glass, screen-printed to reduce glare.
Driver for remote installation included, provided with M12 quick connector for watertight coupling.
Installation requires a housing for flush mounting, to be ordered separately.
It is necessary to provide an adequate level of gravel (> 300 mm) or a drain system to ensure drainage and avoid water stagnation. To ensure the sealing of the cable gland it is necessary to use flexible electric cables suitable for use in outdoor environments.

## A-Round 315



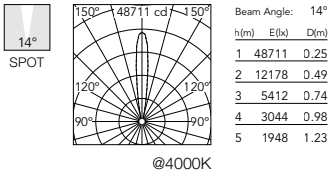

Stromquelle 220/240V integriert. Das erforderliche Einbaugehäuse ist separat zu bestellen.
Einstellung auf der vertikale Achse: max. 15°. Drehung um die horizontalen Achse: max. 359°.

Integrated 220/240V power supply. Box for installation required, to be ordered separately.
Adjustment on the vertical axis: max 15°. Rotation around the horizontal axis: max 359°.

**Power Led:** 42W - 3432 lm ≠ *FIXT 3203 lm - 2700K/CRI 80 - 220-240V / 42W - 3978 lm ≠ *FIXT 3447 lm - 3000K/CRI 80 - 220-240V / 42W - 4290 lm ≠ *FIXT 3707 lm - 4000K/CRI 80 - 220-240V
*FIXT lm = Spot Optic

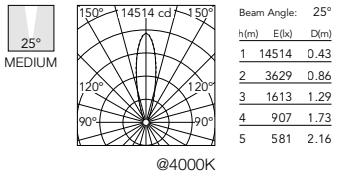
### Optic Spot

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F4588065.A | F4591065 | F4594065 |
| F4588045.A | F4591045 | F4594045 |
| F4588048.A | F4591048 | F4594048 |
| F4588056.A | F4591056 | F4594056 |
| 1-10V | 1-10V | 1-10V |
| F4588065-310.A | F4591065-310 | F4594065-310 |
| F4588045-310.A | F4591045-310 | F4594045-310 |
| F4588048-310.A | F4591048-310 | F4594048-310 |
| F4588056-310.A | F4591056-310 | F4594056-310 |
| Dali | Dali | Dali |
| F4588065-300.A | F4591065-300 | F4594065-300 |
| F4588045-300.A | F4591045-300 | F4594045-300 |
| F4588048-300.A | F4591048-300 | F4594048-300 |
| F4588056-300.A | F4591056-300 | F4594056-300 |



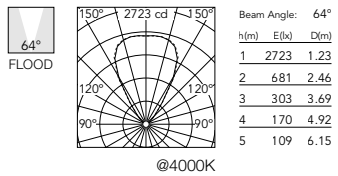

### Optic Medium

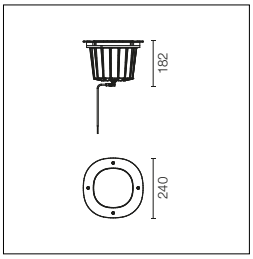
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F4589065.A | F4592065 | F4595065 |
| F4589045.A | F4592045 | F4595045 |
| F4589048.A | F4592048 | F4595048 |
| F4589056.A | F4592056 | F4595056 |
| 1-10V | 1-10V | 1-10V |
| F4589065-310.A | F4592065-310 | F4595065-310 |
| F4589045-310.A | F4592045-310 | F4595045-310 |
| F4589048-310.A | F4592048-310 | F4595048-310 |
| F4589056-310.A | F4592056-310 | F4595056-310 |
| Dali | Dali | Dali |
| F4589065-300.A | F4592065-300 | F4595065-300 |
| F4589045-300.A | F4592045-300 | F4595045-300 |
| F4589048-300.A | F4592048-300 | F4595048-300 |
| F4589056-300.A | F4592056-300 | F4595056-300 |

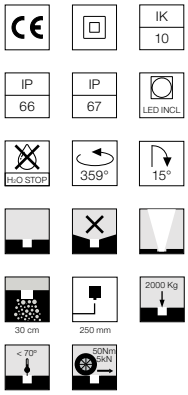



### Optic Flood

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| F4590065.A | F4593065 | F4596065 |
| F4590045.A | F4593045 | F4596045 |
| F4590048.A | F4593048 | F4596048 |
| F4590056.A | F4593056 | F4596056 |
| 1-10V | 1-10V | 1-10V |
| F4590065-310.A | F4593065-310 | F4596065-310 |
| F4590045-310.A | F4593045-310 | F4596045-310 |
| F4590048-310.A | F4593048-310 | F4596048-310 |
| F4590056-310.A | F4593056-310 | F4596056-310 |
| Dali | Dali | Dali |
| F4590065-300.A | F4593065-300 | F4596065-300 |
| F4590045-300.A | F4593045-300 | F4596045-300 |
| F4590048-300.A | F4593048-300 | F4596048-300 |
| F4590056-300.A | F4593056-300 | F4596056-300 |






Stromquelle 220/240V integriert. Das erforderliche Einbaugehäuse ist separat zu bestellen.
Einstellung auf der vertikale Achse: max. 15°. Drehung um die horizontalen Achse: max. 359°.

Integrated 220/240V power supply. Box for installation required, to be ordered separately.
Adjustment on the vertical axis: max 15°. Rotation around the horizontal axis: max 359°.

**Power Led:** 21W - 1760 lm ≠ *FIXT 1623 lm - 2700K/CRI 80 - 220-240V / 21W - 2040 lm ≠ *FIXT 1747 lm - 3000K/CRI 80 - 220-240V / 21W - 2200 lm ≠ *FIXT 1878 lm - 4000K/CRI 80 - 220-240V
*FIXT lm = Spot Optic

## Optic Spot

### 2700K

Non Dimmable
- F4579065.A
- F4579045.A
- F4579048.A
- F4579056.A

1-10V
- F4579065-310.A
- F4579045-310.A
- F4579048-310.A
- F4579056-310.A

Dali
- F4579065-300.A
- F4579045-300.A
- F4579048-300.A
- F4579056-300.A

### 3000K

Non Dimmable
- F4582065
- F4582045
- F4582048
- F4582056

1-10V
- F4582065-310
- F4582045-310
- F4582048-310
- F4582056-310

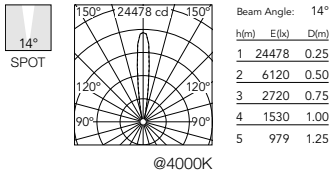
Dali
- F4582065-300
- F4582045-300
- F4582048-300
- F4582056-300

### 4000K

Non Dimmable
- F4585065
- F4585045
- F4585048
- F4585056

1-10V
- F4585065-310
- F4585045-310
- F4585048-310
- F4585056-310

Dali
- F4585065-300
- F4585045-300
- F4585048-300
- F4585056-300




## Optic Medium

### 2700K

Non Dimmable
- F4580065.A
- F4580045.A
- F4580048.A
- F4580056.A

1-10V
- F4580065-310.A
- F4580045-310.A
- F4580048-310.A
- F4580056-310.A

Dali
- F4580065-300.A
- F4580045-300.A
- F4580048-300.A
- F4580056-300.A

### 3000K

Non Dimmable
- F4583065
- F4583045
- F4583048
- F4583056

1-10V
- F4583065-310
- F4583045-310
- F4583048-310
- F4583056-310

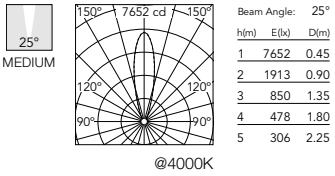
Dali
- F4583065-300
- F4583045-300
- F4583048-300
- F4583056-300

### 4000K

Non Dimmable
- F4586065
- F4586045
- F4586048
- F4586056

1-10V
- F4586065-310
- F4586045-310
- F4586048-310
- F4586056-310

Dali
- F4586065-300
- F4586045-300
- F4586048-300
- F4586056-300




## Optic Flood

### 2700K

Non Dimmable
- F4581065.A
- F4581045.A
- F4581048.A
- F4581056.A

1-10V
- F4581065-310.A
- F4581045-310.A
- F4581048-310.A
- F4581056-310.A

Dali
- F4581065-300.A
- F4581045-300.A
- F4581048-300.A
- F4581056-300.A

### 3000K

Non Dimmable
- F4584065
- F4584045
- F4584048
- F4584056

1-10V
- F4584065-310
- F4584045-310
- F4584048-310
- F4584056-310

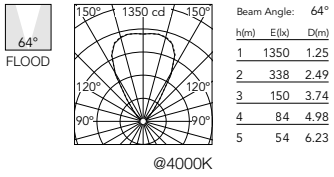
Dali
- F4584065-300
- F4584045-300
- F4584048-300
- F4584056-300

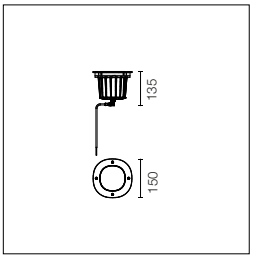
### 4000K

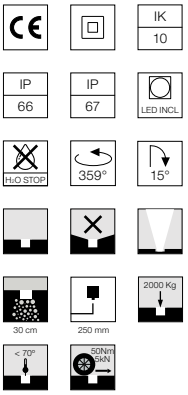
Non Dimmable
- F4587065
- F4587045
- F4587048
- F4587056

1-10V
- F4587065-310
- F4587045-310
- F4587048-310
- F4587056-310

Dali
- F4587065-300
- F4587045-300
- F4587048-300
- F4587056-300






Stromquelle 110/240V integriert. Das erforderliche Einbaugehäuse ist separat zu bestellen. Dimmbare Version auf Anfrage.
Einstellung auf der vertikale Achse: max. 15°. Drehung um die horizontale Achse: max. 359°.

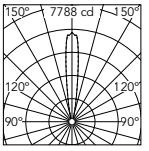
Integrated 110/240V power supply. Box for installation required, to be ordered separately. Dimmable version on request.
Adjustment on the vertical axis: max 15°. Rotation around the horizontal axis: max 359°.

**Power Led:** 8W - 572 lm ≠ *FIXT 536 lm - 2700K/CRI 80 - 110-240V / 8W - 663 lm ≠ *FIXT 576 lm - 3000K/CRI 80 - 110-240V / 8W - 715 lm ≠ *FIXT 620 lm - 4000K/CRI 80 - 110-240V
*FIXT lm = Spot Optic

**Optic Spot**

| 2700K | 3000K | 4000K |
|---|---|---|
| F4570065.A | F4573065 | F4576065 |
| F4570045.A | F4573045 | F4576045 |
| F4570048.A | F4573048 | F4576048 |
| F4570056.A | F4573056 | F4576056 |

14° SPOT



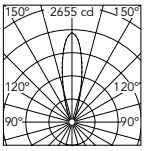

@4000K

| Beam Angle: | 14° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 7788 | 0.25 |
| 2 | 1947 | 0.50 |
| 3 | 865 | 0.76 |
| 4 | 487 | 1.01 |
| 5 | 312 | 1.26 |

**Optic Medium**

| 2700K | 3000K | 4000K |
|---|---|---|
| F4571065.A | F4574065 | F4577065 |
| F4571045.A | F4574045 | F4577045 |
| F4571048.A | F4574048 | F4577048 |
| F4571056.A | F4574056 | F4577056 |

25° MEDIUM



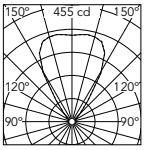

@4000K

| Beam Angle: | 25° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 2655 | 0.43 |
| 2 | 664 | 0.86 |
| 3 | 295 | 1.28 |
| 4 | 166 | 1.71 |
| 5 | 106 | 2.14 |

**Optic Flood**

| 2700K | 3000K | 4000K |
|---|---|---|
| F4572065.A | F4575065 | F4578065 |
| F4572045.A | F4575045 | F4578045 |
| F4572048.A | F4575048 | F4578048 |
| F4572056.A | F4575056 | F4578056 |

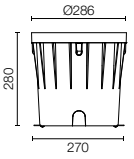
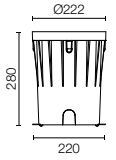
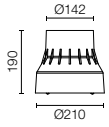
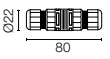
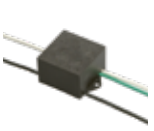
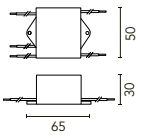
64° FLOOD




@4000K

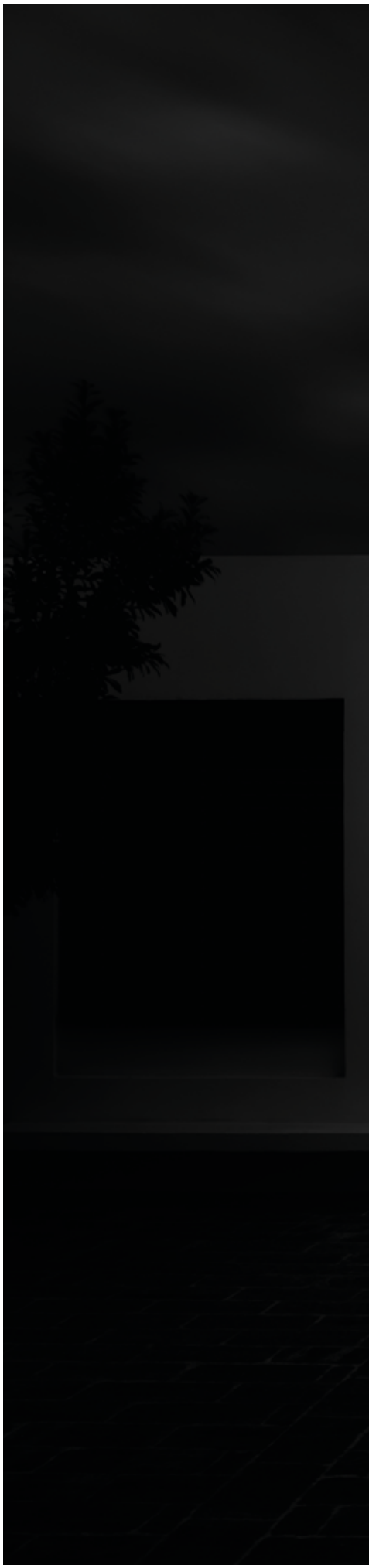
| Beam Angle: | 64° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 455 | 1.26 |
| 2 | 114 | 2.51 |
| 3 | 51 | 3.77 |
| 4 | 28 | 5.03 |
| 5 | 18 | 6.28 |

## A-Round: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Honeycomb. | Honeycomb. | A-Round 315 - 4 Units Kit<br>F4557000 | | |
| Floodlinse. | Flood lens. | A-Round 315 - 4 Units Kit<br>F4560000 | | |
| Einbaugehäuse. | Box for installation. | A-Round 315<br>F4599000 | |  |
| Honeycomb. | Honeycomb. | A-Round 240 - 4 Units Kit<br>F4556000 | | |
| Floodlinse. | Flood lens. | A-Round 240 - 4 Units Kit<br>F4559000 | | |
| Einbaugehäuse. | Box for installation. | A-Round 240<br>F4598000 | |  |
| Honeycomb. | Honeycomb. | A-Round 150 - 4 Units Kit<br>F4555000 | | |
| Floodlinse. | Flood lens. | A-Round 150 - 4 Units Kit<br>F4558000 | | |
| Einbaugehäuse. | Box for installation. | A-Round 150<br>F4597000 | |  |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 2 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | | |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |  |  |

## A-Rise

A-Rise



## Familie / Family

A-Rise 290

**Power Led**
up to 39W
up to 2956 lm - 2700K/CRI 80
up to 3167 lm - 3000K/CRI 80
up to 3273 lm - 4000K/CRI 80
* Net lumen output

**CoB Led**
up to 38W
up to 3093 lm - 2700K/CRI 80
up to 3326 lm - 3000K/CRI 80
up to 3411 lm - 4000K/CRI 80
* Net lumen output

A-Rise 225

**Power Led**
up to 21W
up to 1478 lm - 2700K/CRI 80
up to 1584 lm - 3000K/CRI 80
up to 1636 lm - 4000K/CRI 80
* Net lumen output

**CoB Led**
up to 21W
up to 1739 lm - 2700K/CRI 80
up to 1870 lm - 3000K/CRI 80
up to 1961 lm - 4000K/CRI 80
* Net lumen output

A-Rise 145

**Power Led**
up to 8W
up to 472 lm - 2700K/CRI 80
up to 507 lm - 3000K/CRI 80
up to 583 lm - 4000K/CRI 80
* Net lumen output

**CoB Led**
up to 9W
up to 545 lm - 2700K/CRI 80
up to 586 lm - 3000K/CRI 80
up to 610 lm - 4000K/CRI 80
* Net lumen output

A-Rise 130

**Mid - Power Led**
up to 7W
up to 453 lm - 3000K/CRI 80
up to 479 lm - 4000K/CRI 80
* Net lumen output

A-Rise 65

**Power Led**
up to 3,4W
up to 138 lm - 2700K/CRI 80
up to 149 lm - 3000K/CRI 80
up to 155 lm - 4000K/CRI 80
* Net lumen output

A-Rise 65 High Emission

**Power Led**
up to 4,5W
up to 246 lm - 2700K/CRI 80
up to 267 lm - 3000K/CRI 80
up to 277 lm - 4000K/CRI 80
* Net lumen output

A-Rise 49

**Power Led**
up to 2,3W
up to 106 lm - 2700K/CRI 80
up to 115 lm - 3000K/CRI 80
up to 119 lm - 4000K/CRI 80
* Net lumen output

## Ausführungen / Colours

56 Matt Stainless Steel

Komplette Familie von Bodeneinbauleuchten mit LED-Quelle. Sie zeichnen sich durch ihre geschwungenen Linien aus, die sich an unterschiedliche architektonische Einbaubedingungen anpassen. Erhältlich in verschiedenen Dimensionen mit verschiedenen Abstrahlwinkeln. Äußere Hauben aus Edelstahl 316L, kugelgestrahlt zur Verbesserung der Widerstandsfähigkeit und der Ästhetik mit einer leicht satinierten Oberfläche. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Um Wasseransammlung zu vermeiden, muss der untere Teil der Dose mit einer Schicht aus abfließendem Material oder einem anderen Abflusssystem isoliert werden. Um den Erhalt der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

**A-Rise 145 / 225 / 290**
Begehbare Bodeneinbauleuchte. Erhältlich in drei verschiedenen Durchmessern und verschiedenen Abstrahlwinkeln. Ausgestattet mit einem auf der vertikalen Achse neigbaren und auf der horizontalen Achse verstellbaren Visier zur Einstellung der Helligkeit und zur perfekten Anpassung an den gewünschten Effekt auf der Oberfläche. Die rückwärtige Position der Lichtquelle trägt zu einer erheblichen Reduzierung der Direktblendung bei und sorgt so für einen hohen Sehkomfort. Gehäuse und Kühlkörper bestehen aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil), das mit einer doppelten Schicht hochkorrosionsfester Farbe beschichtet ist. Der Außendeckel ist aus kugelgestrahltem Edelstahl AISI 316L gefertigt. Gehärtetes, transparentes Glas für höhere Widerstandsfähigkeit, mit Siebdruck zur Reduzierung der Direktblendung. Befestigung am Ring der Außenhaube durch ein Roboterklebesystem. Ausgestattet mit einem wasserdichten M12-Gewindeanschluss, der das Eindringen von Wasser verhindert und einen schnellen Anschluss an die Kabeleinheit ermöglicht, zusammen mit einem ferngesteuerten IP67-Kit, das in der Einbaudose installiert werden muss.

**A-Rise 130**
Begehbare Bodeneinbauleuchte, die sich durch eine flache Aussparung auszeichnet, die den Einbau in 80 mm starke Trennwände ermöglicht. Breiter Abstrahlwinkel für einen glatten und diffusen Lichtstrahl. Erhältlich in zwei Leistungsfaktoren und zwei Lichtströmen, um unterschiedliche Beleuchtungsanforderungen zu erfüllen. Gehäuse und Kühlkörper bestehen aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil), das mit einer doppelten Schicht hochkorrosionsfester Farbe beschichtet ist. Außenhaube aus kugelgestrahltem Edelstahl AISI 316L. Mattierter Glas-Diffusor, mit Siebdruck in der Mitte, um die Blendung zu reduzieren, und mit einem Roboterklebesystem befestigt. Erhältlich in zwei Versionen: 24V und Netzspannung LED-Modul. Die 24-V-Version benötigt eine Fernstromversorgung, die separat bestellt werden muss.

**A-Rise 49 / A-Rise 65**
Federbelastete Version der begehbaren Bodeneinbauleuchte, die für den Einbau in Wände oder Zwischendecken konzipiert ist. Erhältlich in zwei verschiedenen Durchmessern, sie zeichnet sich durch ihre kompakte Form und das Fehlen von sichtbaren Schrauben aus. Erhältlich mit verschiedenen Lichtstreuungen und Abstrahlwinkeln. Die leicht rückwärtige Position der Lichtquelle trägt dazu bei, die Direktblendung zu reduzieren. Struktur aus gedrehtem Aluminium, Legierung EN AW 6060, eloxiert für bessere Korrosionsbeständigkeit. Außenhaube aus kugelgestrahltem Edelstahl 316L. Transparenter Polykarbonatdiffusor für eng- und mittelstrahlende Versionen und opaler Polykarbonatdiffusor für diffuse Lichtversionen. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

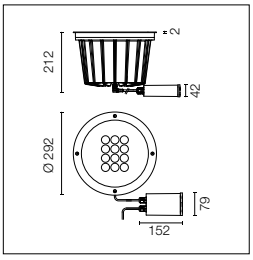
Complete family of ground recessed luminaires with LED source. They are characterized by their curved lines, which adapt to different architectural installation conditions. Available in different sizes and different beam angles. External caps made of 316L stainless steel, shot-blasted to improve its resistance to stress and its aesthetics with a slightly satin finish. The fixing screws are made of AISI 316L stainless steel. The installation requires a recessed box to be ordered separately. To avoid water stagnation, it is necessary to insulate the lower part of the box with a layer of drainage material or other drainage system. In order to guarantee the preservation of the cable guide, it is recommended to use flexible electric cables specifically designed for outdoor use.

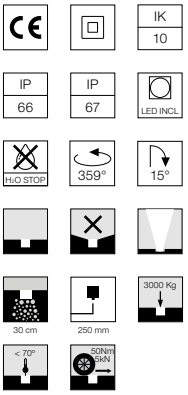
**A-Rise 145 / 225 / 290**
Ground recessed and walk-over luminaire. Available in three different diameters and different beam angles. Equipped with a visor that tilts on the vertical axis and that is adjustable on the horizontal axis in order to adjust brightness and to perfectly adapt it to the desired effect on the surface. The rear position of the light source contributes to a considerable reduction of direct glare, thus ensuring excellent visual comfort. The structure and sink are made of EN AB-47100 die-cast aluminum (with low copper content), coated with a double layer of highly corrosion-resistant paint. The external cap is made of AISI 316L shot-blasted stainless steel. Tempered, transparent glass for higher resistance, silkscreened in order to reduce glare. Fixed to the ring of the external cap through a robotic gluing system. Equipped with an M12 watertight screw-on connector which completely isolates it from water infiltration and guarantees a quick connection with the supplied wiring, together with a remote IP67 kit to be installed in the box for recessing.

**A-Rise 130**
Ground recessed and walk-over luminaire characterized by a shallow recessing which allows its installation in 80 mm partition walls. Wide beam angle for a smooth and diffused light. Available in two power factors and two luminous fluxes to meet different lighting requirements. EN AB-47100 die-cast aluminium structure and sink (with low copper content), coated with a double layer of highly corrosion-resistant paint. AISI 316L shot-blasted stainless steel external cap. Frosted glass diffuser, silkscreened at the center in order to reduce glare and fixed through a robotic gluing system. Available in two versions: 24V and line voltage LED module. The 24V version requires a remote power supply to be ordered separately.

**A-Rise 49 / A-Rise 65**
Spring-loaded version of the ground recessed and walk-over luminaire, designed to be recessed in walls or false ceilings. Available in two different diameters, it is characterized by its compact shape and the absence of visible screws. Available with different light diffusion and beam angles. The slightly rear position of the light source contributes to reduce the direct glare. Structure in turned aluminium, EN AW 6060 alloy, anodized for better resistance to corrosion. 316L shot-blasted stainless steel external cap. Transparent polycarbonate diffuser for narrow and medium beam versions and opal polycarbonate diffuser for diffused light versions. The 24V dc luminaire is powered by a remote power supply to be ordered separately.

## A-Rise 290




Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15º. Rotation auf der horizontalen Achse: Max. 359º. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung.
Extraklares transparentes Glas.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15º max. Rotation on horizontal axis: 359º max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line.
Extra clear transparent glass.

### Optic Spot 10º

**Power Led:** 39W - 3864 lm ≠ OUTPUT 2956 lm - 2700K/CRI 80 - 220÷240V / 39W - 4140 lm ≠ OUTPUT 3167 lm - 3000K/CRI 80 - 220÷240V / 39W - 4278 lm ≠ OUTPUT 3273 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53406356

1-10V
- FA53406356-310

Dali
- FA53406356-300

**3000K**

Non Dimmable
- FA53403756

1-10V
- FA53403756-310

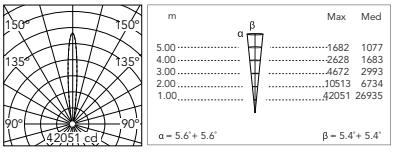
Dali
- FA53403756-300

**4000K**

Non Dimmable
- FA53403656

1-10V
- FA53403656-310

Dali
- FA53403656-300




@ 3000K

### Optic Medium 35º

**Power Led:** 39W - 3864 lm ≠ OUTPUT 2722 lm - 2700K/CRI 80 - 220÷240V / 39W - 4140 lm ≠ OUTPUT 2917 lm - 3000K/CRI 80 - 220÷240V / 39W - 4278 lm ≠ OUTPUT 3014 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53406456

1-10V
- FA53406456-310

Dali
- FA53406456-300

**3000K**

Non Dimmable
- FA53404056

1-10V
- FA53404056-310

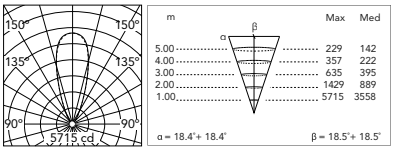
Dali
- FA53404056-300

**4000K**

Non Dimmable
- FA53403956

1-10V
- FA53403956-310

Dali
- FA53403956-300




@ 3000K

### Optic Flood 70º

**Power Led:** 39W - 3864 lm ≠ OUTPUT 2918 lm - 2700K/CRI 80 - 220÷240V / 39W - 4140 lm ≠ OUTPUT 3126 lm - 3000K/CRI 80 - 220÷240V / 39W - 4278 lm ≠ OUTPUT 3230 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53406556

1-10V
- FA53406556-310

Dali
- FA53406556-300

**3000K**

Non Dimmable
- FA53404356

1-10V
- FA53404356-310

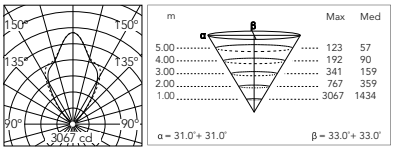
Dali
- FA53404356-300

**4000K**

Non Dimmable
- FA53404256

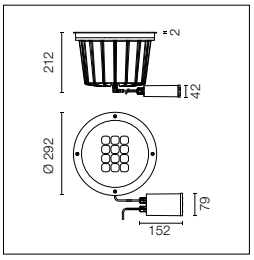
1-10V
- FA53404256-310

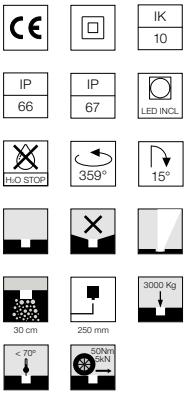
Dali
- FA53404256-300




@ 3000K

## A-Rise 290 Wall Washer




Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15º. Rotation auf der horizontalen Achse: Max. 359º. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung.
Extraklares transparentes Glas.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15º max. Rotation on horizontal axis: 359º max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line.
Extra clear transparent glass.

**Optic Asymmetric 54°x 66°**

**Power Led:** 39W - 3864 lm ≠ OUTPUT 2840 lm - 2700K/CRI 80 - 220÷240V / 39W - 4140 lm ≠ OUTPUT 3043 lm - 3000K/CRI 80 - 220÷240V / 39W - 4278 lm ≠ OUTPUT 3144 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53406656

1-10V
- FA53406656-310

Dali
- FA53406656-300

**3000K**

Non Dimmable
- FA53404656

1-10V
- FA53404656-310

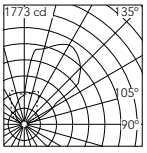
Dali
- FA53404656-300

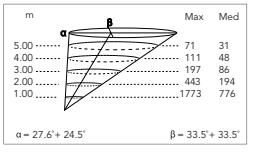
**4000K**

Non Dimmable
- FA53404556

1-10V
- FA53404556-310

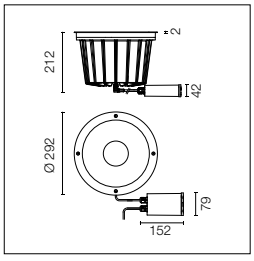
Dali
- FA53404556-300

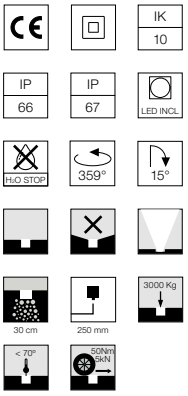



@ 3000K

## A-Rise 290 High Emission




Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15º. Rotation auf der horizontalen Achse: Max. 359º. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung.
Extraklares transparentes Glas.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15º max. Rotation on horizontal axis: 359º max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line.
Extra clear transparent glass.

**Optic Medium 40º**

**CoB Led:** 38W - 4078 lm ≠ OUTPUT 3093 lm - 2700K/CRI 80 - 220÷240V / 38W - 4385 lm ≠ OUTPUT 3326 lm - 3000K/CRI 80 - 220÷240V / 38W - 4496 lm ≠ OUTPUT 3411 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53406756

1-10V
- FA53406756-310

Dali
- FA53406756-300

**3000K**

Non Dimmable
- FA53404856

1-10V
- FA53404856-310

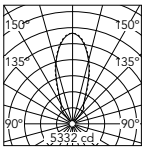
Dali
- FA53404856-300

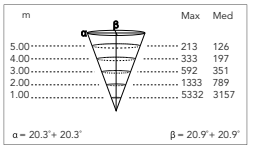
**4000K**

Non Dimmable
- FA53404756

1-10V
- FA53404756-310

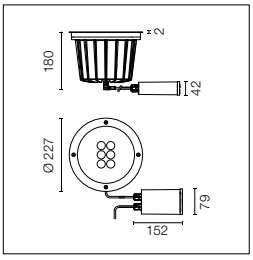
Dali
- FA53404756-300

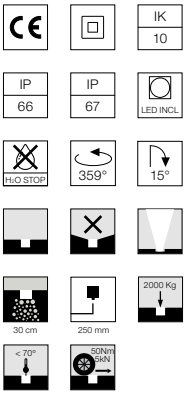



@ 3000K

## A-Rise 225




Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15º. Rotation auf der horizontalen Achse: Max. 359º. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung.
Extraklares transparentes Glas.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15º max. Rotation on horizontal axis: 359º max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line.
Extra clear transparent glass.

### Optic Spot 10º

**Power Led:** 21W - 1932 lm ≠ OUTPUT 1478 lm - 2700K/CRI 80 - 220÷240V / 21W - 2070 lm ≠ OUTPUT 1584 lm - 3000K/CRI 80 - 220÷240V / 21W - 2139 lm ≠ OUTPUT 1636 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53405756

1-10V
- FA53405756-310

Dali
- FA53405756-300

**3000K**

Non Dimmable
- FA53402156

1-10V
- FA53402156-310

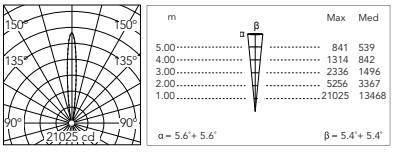
Dali
- FA53402156-300

**4000K**

Non Dimmable
- FA53402056

1-10V
- FA53402056-310

Dali
- FA53402056-300




@ 3000K

### Optic Medium 35º

**Power Led:** 21W - 1932 lm ≠ OUTPUT 1361 lm - 2700K/CRI 80 - 220÷240V / 21W - 2070 lm ≠ OUTPUT 1458 lm - 3000K/CRI 80 - 220÷240V / 21W - 2139 lm ≠ OUTPUT 1507 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53405856

1-10V
- FA53405856-310

Dali
- FA53405856-300

**3000K**

Non Dimmable
- FA53402456

1-10V
- FA53402456-310

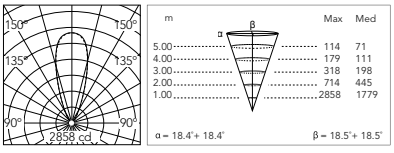
Dali
- FA53402456-300

**4000K**

Non Dimmable
- FA53402356

1-10V
- FA53402356-310

Dali
- FA53402356-300




@ 3000K

### Optic Flood 70º

**Power Led:** 21W - 1932 lm ≠ OUTPUT 1459 lm - 2700K/CRI 80 - 220÷240V / 21W - 2070 lm ≠ OUTPUT 1563 lm - 3000K/CRI 80 - 220÷240V / 21W - 2139 lm ≠ OUTPUT 1615 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53405956

1-10V
- FA53405956-310

Dali
- FA53405956-300

**3000K**

Non Dimmable
- FA53402756

1-10V
- FA53402756-310

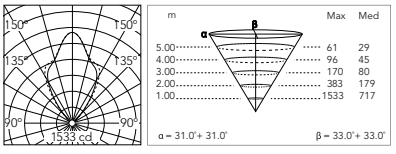
Dali
- FA53402756-300

**4000K**

Non Dimmable
- FA53402656

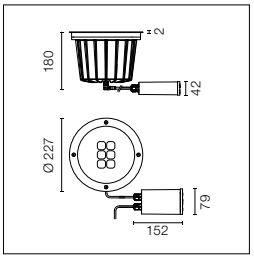
1-10V
- FA53402656-310

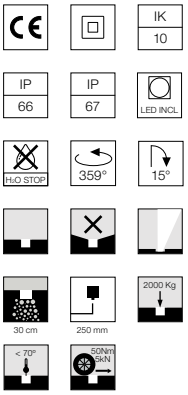
Dali
- FA53402656-300




@ 3000K

## A-Rise 225 Wall Washer




Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15º. Rotation auf der horizontalen Achse: Max. 359º. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung.
Extraklares transparentes Glas.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15º max. Rotation on horizontal axis: 359º max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line.
Extra clear transparent glass.

**Optic Asymmetric 54°x 66°**

**Power Led:** 21W - 1932 lm ≠ OUTPUT 1420 lm - 2700K/CRI 80 - 220÷240V / 21W - 2070 lm ≠ OUTPUT 1521 lm - 3000K/CRI 80 - 220÷240V / 21W - 2139 lm ≠ OUTPUT 1572 lm - 4000K/CRI 80 - 220÷240V

**2700K**
Non Dimmable
- FA53406056

1-10V
- FA53406056-310

Dali
- FA53406056-300

**3000K**
Non Dimmable
- FA53403056

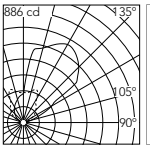
1-10V
- FA53403056-310

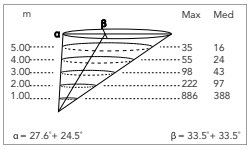
Dali
- FA53403056-300

**4000K**
Non Dimmable
- FA53402956

1-10V
- FA53402956-310

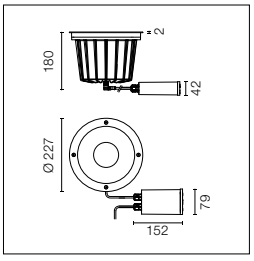
Dali
- FA53402956-300

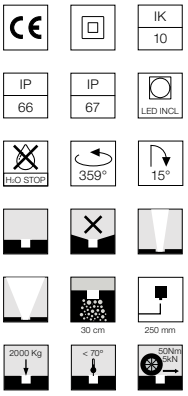



@ 3000K

## A-Rise 225 High Emission




Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15º. Rotation auf der horizontalen Achse: Max. 359º. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung.
Extraklares transparentes Glas.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15º max. Rotation on horizontal axis: 359º max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line.
Extra clear transparent glass.

**Optic Spot 16º**

**CoB Led:** 21W - 2246 lm ≠ OUTPUT 1739 lm - 2700K/CRI 80 - 220÷240V / 21W - 2415 lm ≠ OUTPUT 1870 lm - 3000K/CRI 80 - 220÷240V / 21W - 2533 lm ≠ OUTPUT 1961 lm - 4000K/CRI 80 - 220÷240V

**2700K**
Non Dimmable
- FA53406156

1-10V
- FA53406156-310

Dali
- FA53406156-300.A

**3000K**
Non Dimmable
- FA53403256

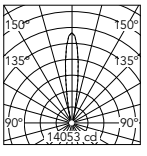
1-10V
- FA53403256-310

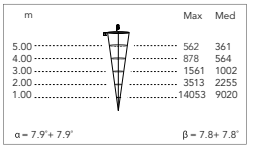
Dali
- FA53403256-300.A

**4000K**
Non Dimmable
- FA53403156

1-10V
- FA53403156-310

Dali
- FA53403156-300.A




@ 3000K

**Optic Medium 40º**

**CoB Led:** 21W - 2246 lm ≠ OUTPUT 1673 lm - 2700K/CRI 80 - 220÷240V / 21W - 2415 lm ≠ OUTPUT 1799 lm - 3000K/CRI 80 - 220÷240V / 21W - 2533 lm ≠ OUTPUT 1886 lm - 4000K/CRI 80 - 220÷240V

**2700K**
Non Dimmable
- FA53406256

1-10V
- FA53406256-310

Dali
- FA53406256-300.A

**3000K**
Non Dimmable
- FA53403456

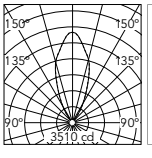
1-10V
- FA53403456-310

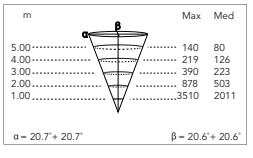
Dali
- FA53403456-300.A

**4000K**
Non Dimmable
- FA53403356

1-10V
- FA53403356-310

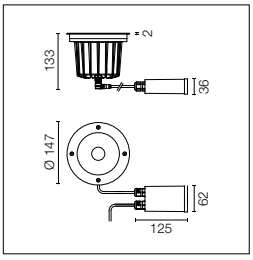
Dali
- FA53403356-300.A

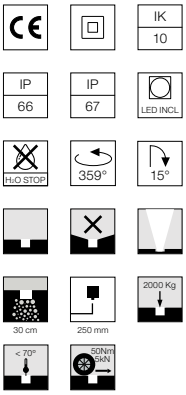



@ 3000K

## A-Rise 145



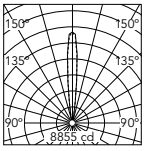

Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15º. Rotation auf der horizontalen Achse: Max. 359º. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

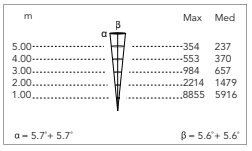
LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15º max. Rotation on horizontal axis: 359º max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line. Extra clear transparent glass. Adjustable light intensity version available upon request.

### Optic Spot 10º

**Power Led:** 8W - 509 lm ≠ OUTPUT 451 lm - 2700K/CRI 80 - 220÷240V / 8W - 547 lm ≠ OUTPUT 485 lm - 3000K/CRI 80 - 220÷240V / 8W - 630 lm ≠ OUTPUT 558 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| FA53405156 | FA53400356 | FA53400256 |



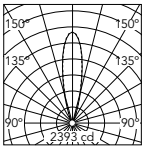



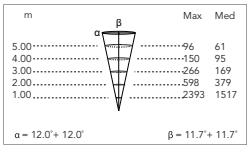

@ 3000K

### Optic Medium 24º

**Power Led:** 8W - 509 lm ≠ OUTPUT 472 lm - 2700K/CRI 80 - 220÷240V / 8W - 547 lm ≠ OUTPUT 507 lm - 3000K/CRI 80 - 220÷240V / 8W - 630 lm ≠ OUTPUT 583 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| FA53405256 | FA53400656 | FA53400556 |



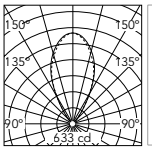



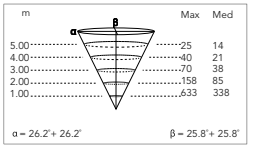

@ 3000K

### Optic Flood 50º

**Power Led:** 8W - 509 lm ≠ OUTPUT 433 lm - 2700K/CRI 80 - 220÷240V / 8W - 547 lm ≠ OUTPUT 466 lm - 3000K/CRI 80 - 220÷240V / 8W - 630 lm ≠ OUTPUT 536 lm - 4000K/CRI 80 - 220÷240V

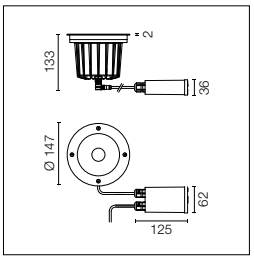
| 2700K | 3000K | 4000K |
|---|---|---|
| FA53405356 | FA53400956 | FA53400856 |

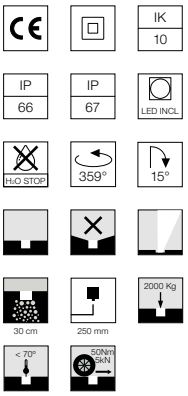



@ 3000K

## A-Rise 145 Wall Washer



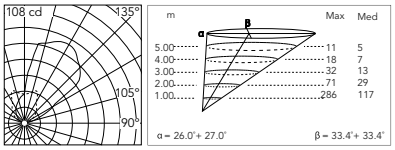

Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15°. Rotation auf der horizontalen Achse: Max. 359°. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15° max. Rotation on horizontal axis: 359° max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line. Extra clear transparent glass. Adjustable light intensity version available upon request.

**Optic Asymmetric 54°x 66°**

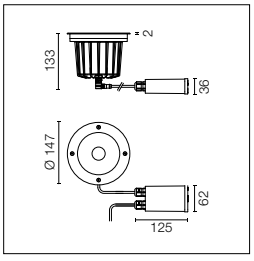
**Power Led:** 8W - 509 lm ≠ OUTPUT 413 lm - 2700K/CRI 80 - 220÷240V / 8W - 547 lm ≠ OUTPUT 444 lm - 3000K/CRI 80 - 220÷240V / 8W - 630 lm ≠ OUTPUT 511 lm - 4000K/CRI 80 - 220÷240V

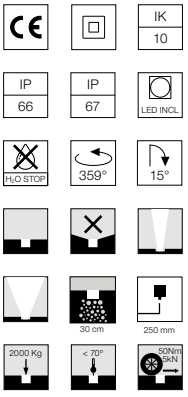
| 2700K | 3000K | 4000K |
|---|---|---|
| FA53405456 | FA53401256 | FA53401156 |




@ 3000K

## A-Rise 145 High Emission



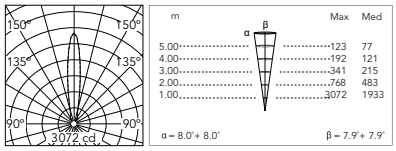

Inklusive LED-Lichtquelle. Integrierte elektrische 24V-Gleichstrom-Fernstromversorgung ON/OFF. Neigung auf der vertikalen Achse: Max. 15°. Rotation auf der horizontalen Achse: Max. 359°. Fernstromversorgung, die in einer Anschlussdose untergebracht werden muss, ausgestattet mit einem 400 mm überstehenden Kabel mit einem M12 Gewindeanschluss, der die Wasserdichtigkeit der Leuchte garantiert und einem 250 mm Kabel für den Anschluss an die Stromleitung. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated 24V dc ON/OFF remote electric power supply. Adjustment on vertical axis: 15° max. Rotation on horizontal axis: 359° max. Remote power supply that must be placed in a junction box, equipped with a protruding, 400 mm cable with an M12 screw-on connector that guarantees the water tightness of the luminaire, and with a 250 mm cable for the connection to the power line. Extra clear transparent glass. Adjustable light intensity version available upon request.

**Optic Spot 16°**

**CoB Led:** 9W - 857 lm ≠ OUTPUT 518 lm - 2700K/CRI 80 - 220÷240V / 9W - 922 lm ≠ OUTPUT 557 lm - 3000K/CRI 80 - 220÷240V / 9W - 959 lm ≠ OUTPUT 579 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| FA53405556 | FA53401556 | FA53401456 |

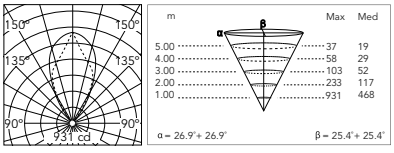



@ 3000K

**Optic Flood 50°**

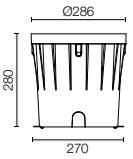
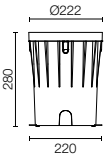
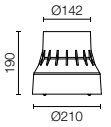
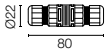
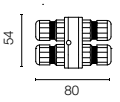
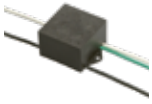
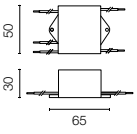
**CoB Led:** 9W - 857 lm ≠ OUTPUT 545 lm - 2700K/CRI 80 - 220÷240V / 9W - 922 lm ≠ OUTPUT 586 lm - 3000K/CRI 80 - 220÷240V / 9W - 959 lm ≠ OUTPUT 610 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| FA53405656 | FA53401856 | FA53401756 |

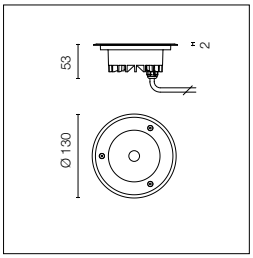


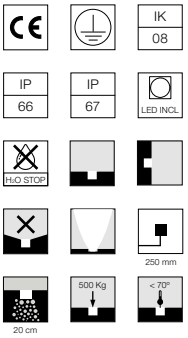

@ 3000K

## A-Rise: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Einbaugehäuse. | Box for installation. | A-Rise 290<br>F4599000 | |  |
| Einbaugehäuse. | Box for installation. | A-Rise 225<br>F4598000 | |  |
| Einbaugehäuse. | Box for installation. | A-Rise 145<br>F4597000 | |  |
| Verbindungssystem, IP68, 2-Wege-$H_2O$-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 2 way terminal block 4 poles IP68 $H_2O$ Stop. (ø5,5÷12mm cable). | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-$H_2O$-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 $H_2O$ Stop. (ø5,5÷12mm cable). | F990C010000 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |  |  |

## A-Rise 130 HP




Inklusive LED-Lichtquelle. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Neoprenkabel und einem integriertem 2-Wege, 3-poligen H2O Anschlusssystem, der die Dichtigkeit des Anschlusses garantiert. Mattiertes Glas.

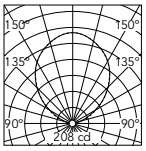
Mains voltage LED light source included. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 250 mm cable with an integrated 2-way, 3-pole H2O STOP connection system guaranteeing the water tightness of the connection. Frosted glass.

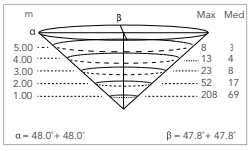
**Optic Wide Flood 96°**

**Mid-Power Led:** 7W - 525 lm ≠ OUTPUT 453 lm - 3000K/CRI 80 - 220-230V / 7W - 555 lm ≠ OUTPUT 479 lm - 4000K/CRI 80 - 220-230V

**3000K**
- FA53000356

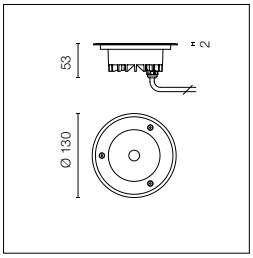
**4000K**
- FA53000256

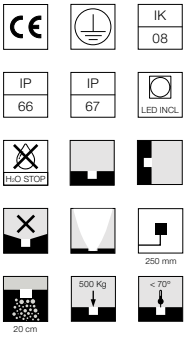



@ 4000K

## A-Rise 130




Inklusive LED-Lichtquelle. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Neoprenkabel und einem integriertem 2-Wege, 3-poligen H2O Anschlusssystem, der die Dichtigkeit des Anschlusses garantiert. Mattiertes Glas.

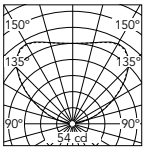
Mains voltage LED light source included. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 250 mm cable with an integrated 2-way, 3-pole H2O STOP connection system guaranteeing the water tightness of the connection. Frosted glass.

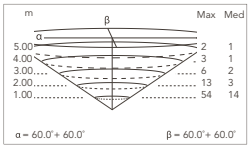
**Optic Wide Flood 120°**

**Mid-Power Led:** 4W - 380 lm ≠ OUTPUT 189 lm - 3000K/CRI 80 - 220.230V / 4W - 400 lm ≠ OUTPUT 199 lm - 4000K/CRI 80 - 220.230V

**3000K**
- FA53000856

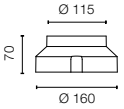
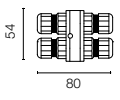
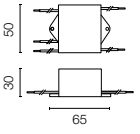
**4000K**
- FA53000756



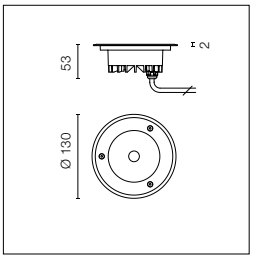



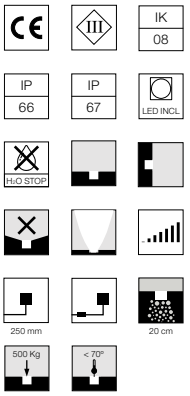

@ 4000K

## A-Rise 130: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Einbaugehäuse. | Box for installation. | FA50 | |   |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |   |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 | |   |

## A-Rise 130 HP Low Voltage




Inklusive LED-Lichtquelle. 240V Fernstromversorgung, die separat bestellt werden muss, ON-OFF und dimmbar 1-10V oder DALI. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Mattiertes Glas.

LED light source included. 24V remote electric power supply to be ordered separately, ON/OFF and adjustable light intensity from 1 to 10V or DALI. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 250 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Frosted glass.

**Optic Wide Flood 96°**

**Mid-Power Led:** 7,3W - 707 lm ≠ OUTPUT 380 lm - 3000K/CRI 80 - 24Vdc / 7,3W - 734 lm ≠ OUTPUT 394 lm - 4000K/CRI 80 - 24Vdc

**3000K**

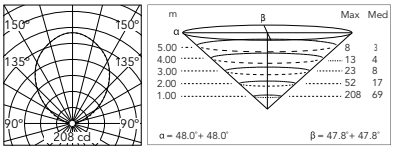
Dimmable

- FA53000656

**4000K**

Dimmable

- FA53000556




@ 4000K

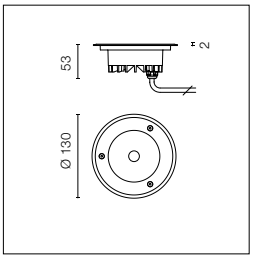
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

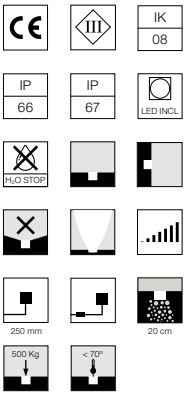
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

| | | | |
|---|---|---|---|
| Acc. RF25747 | 1 | Acc. RF25752 | 2 |
| Acc. RF25757 | 1 | Acc. RF25755 | 7 |
| Acc. RF25750 | 2 | Acc. RF25749 | 9 |
| Acc. F990B21A000 | 2 | Acc. RF25756 | 12 |
| Acc. RF26387.A | 2 | | |

## A-Rise 130 Low Voltage




Inklusive LED-Lichtquelle. 240V Fernstromversorgung, die separat bestellt werden muss, ON-OFF und dimmbar 1-10V oder DALI. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Mattiertes Glas.

LED light source included. 24V remote electric power supply to be ordered separately, ON/OFF and adjustable light intensity from 1 to 10V or DALI. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 250 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Frosted glass.

**Optic Wide Flood 120°**

**Mid-Power Led:** 4W - 360 lm ≠ OUTPUT 190 lm - 3000K/CRI 80 - 24Vdc / 4W - 380 lm ≠ OUTPUT 200 lm - 4000K/CRI 80 - 24Vdc

**3000K**

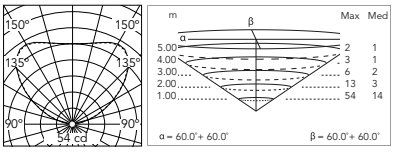
Dimmable

- FA53001056

**4000K**

Dimmable

- FA53000956




@ 4000K

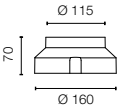
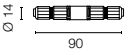
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

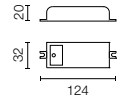
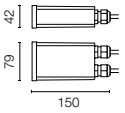
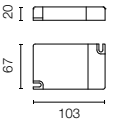
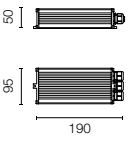
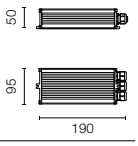
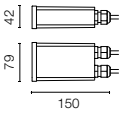
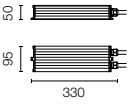
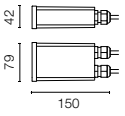
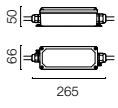
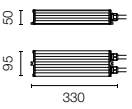
Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

| | | | |
|---|---|---|---|
| Acc. RF25747 | 2 | Acc. RF25752 | 4 |
| Acc. RF25757 | 2 | Acc. RF25755 | 12 |
| Acc. RF25750 | 4 | Acc. RF25749 | 16 |
| Acc. F990B21A000 | 4 | Acc. RF25756 | 21 |
| Acc. RF26387.A | 4 | | |

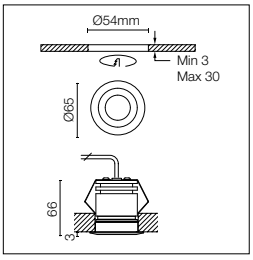
## A-Rise 130 Low Voltage: Zubehörteile / Accessories

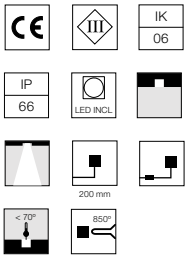
| | | | | |
|---|---|---|---|---|
| Einbaugehäuse. | Box for installation. | FA50 | |  |
| Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel).<br>Kann nicht in das Einbaugehäuse für die Installation platziert werden. | 2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable).<br><br>It can't be placed in the recessed box for installation. | F990C050000 | |  |

## A-Rise 130 Low Voltage: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | *RF25747 | |  |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 | |  |
| Netzgerät für den Ferneinbau 24Vdc 17W /N110-240V (15W@110V) IP20 Klasse II selv. | Power supply for remote installation 24Vdc 17W / 110-240V (15W@110V) IP20 Class II selv. | *RF25750<br>Dimmable Push-Dim Or 1-10V<br>See Wiring Diagram n.4. Page 780. | |  |
| Netzgerät 17W/110÷240V - 24Vdc (15W@110V) IP67 Klasse II selv. | Power supply 17W/110÷240V - 24Vdc (15W@110V) IP67 Class II Selv. | *F990B21A000<br>Dimmable Push-Dim Or 1-10V<br>See Wiring Diagram n.4. Page 780. | |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv. | *RF26387.A<br>Dimmable DALI<br>See Wiring Diagram n.4. Page 780. | |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | *RF25752 | |  |
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |  |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | F990B23AZ00 | |  |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |  |
| Netzgerät für den Ferneinbau 24Vdc 96W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 96W / 120-240V IP67 Class II selv. | *RF25756 | |  |

## A-Rise 65 Ceiling



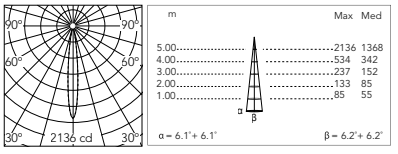

Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Mit Feder für Gipskarton-Installationen. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Transparenter Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Includes a spring for plasterboard installations. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Transparent polycarbonate diffuser. Adjustable light intensity version available upon request.

### Optic Spot 10°

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| FA51820556 | FA51800656 | FA51800556 |

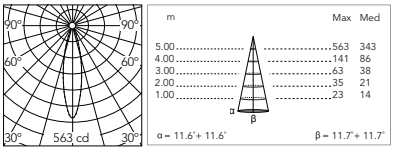



@ 3000K

### Optic Medium 30°

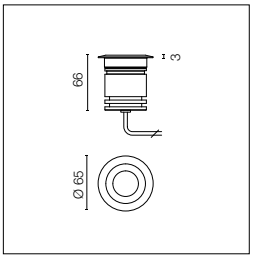
**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

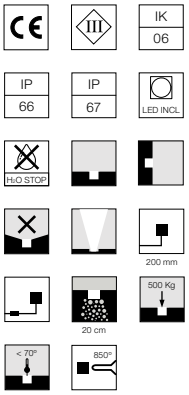
| 2700K | 3000K | 4000K |
|---|---|---|
| FA51820856 | FA51800956 | FA51800856 |




@ 3000K

## A-Rise 65



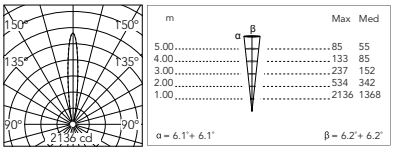

Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Transparenter Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Transparent polycarbonate diffuser. Adjustable light intensity version available upon request.

**Optic Spot 10°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| FA51820256 | FA51800356 | FA51800256 |

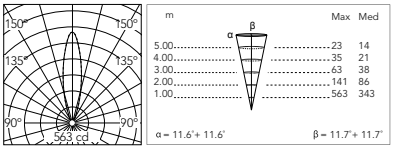



@ 3000K

**Optic Medium 30°**

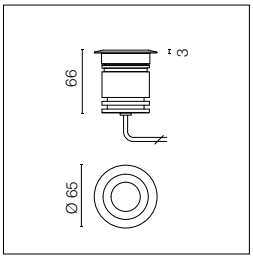
**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

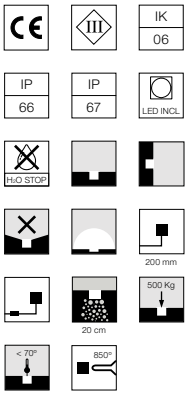
| 2700K | 3000K | 4000K |
|---|---|---|
| FA51821256 | FA51801356 | FA51801256 |




@ 3000K

## A-Rise 65 Opal



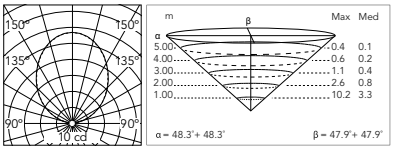

Inklusive LED-Lichtquelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Opaler Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED light source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Opal polycarbonate diffuser. Adjustable light intensity version available upon request.

**Optic Wide Flood 100°**

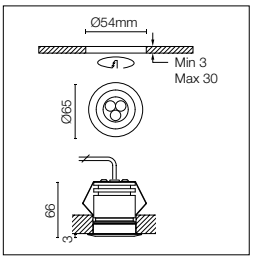
**Power Led:** 3,4W - 169 lm ≠ OUTPUT 20 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 182 lm ≠ OUTPUT 22 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 198 lm ≠ OUTPUT 24 lm - 4000K/CRI 80 - 24Vdc

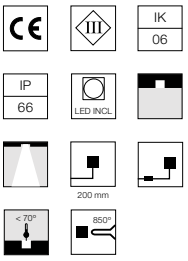
| 2700K | 3000K | 4000K |
|---|---|---|
| FA51823456 | FA51803556 | FA51803456 |




@ 4000K

## A-Rise 65 HP Ceiling



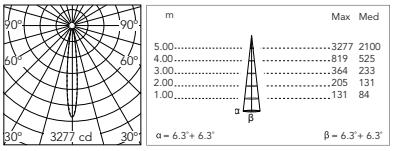

Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Mit Feder für Gipskarton-Installationen. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Transparenter Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Includes a spring for plasterboard installations. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Transparent polycarbonate diffuser. Adjustable light intensity version available upon request.

**Optic Spot 10°**

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 246 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 267 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 277 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| FA51821556 | FA51801656 | FA51801556 |

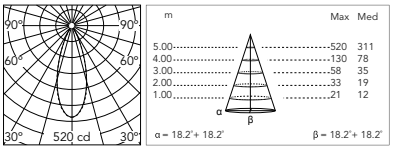



@ 3000K

**Optic Medium 30°**

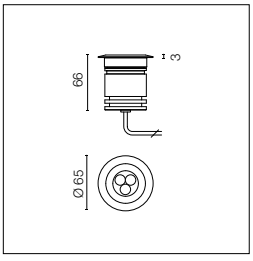
**Power Led:** 4,5W - 331 lm ≠ OUTPUT 218 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 236 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 245 lm - 4000K/CRI 80 - 24Vdc

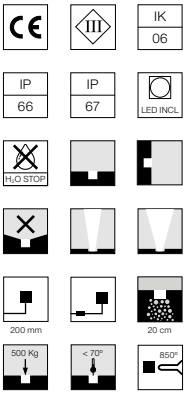
| 2700K | 3000K | 4000K |
|---|---|---|
| FA51822556 | FA51802656 | FA51802556 |




@ 3000K

## A-Rise 65 HP



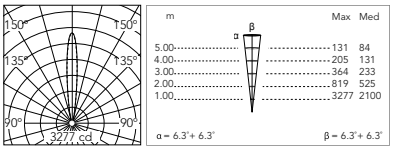

Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Transparenter Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Transparent polycarbonate diffuser. Adjustable light intensity version available upon request.

**Optic Spot 10°**

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 246 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 267 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 277 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| FA51822256 | FA51802356 | FA51802256 |

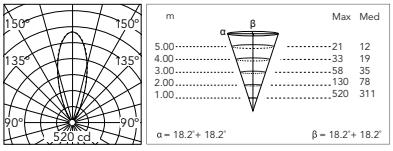



@ 3000K

**Optic Medium 30°**

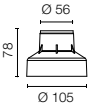
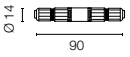
**Power Led:** 4,5W - 331 lm ≠ OUTPUT 218 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 236 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 245 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| FA51823256 | FA51803356 | FA51803256 |

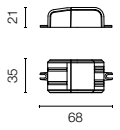
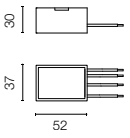
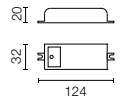
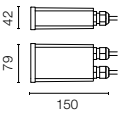
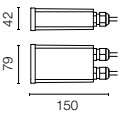
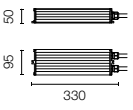
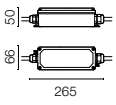



@ 3000K

## A-Rise 65: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Einbaugehäuse. | Box for installation. | F004Z0K0000 | |   |
| Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel).<br>Kann nicht in das Einbaugehäuse für die Installation platziert werden. | 2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable).<br><br>It can't be placed in the recessed box for installation. | F990C050000 | |   |

## A-Rise 65: Treiber 24Vdc / Drivers 24Vdc

| | | | | |
|---|---|---|---|---|
| Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240V Iout 350 ma: 6x1 W/100÷240V IP20 Klasse II Selv Eq. | Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq. | *RF25754 | |   |
| Netzgerät 24V 8W / 110-240V IP65 Klasse II selv. | Power supply 24V 8W / 110-240V IP65 Class II selv. | *RF25748 | |   |
| Netzgerät für den Ferneinbau 24Vdc 10W / 110-240V IP20 Klasse II selv. | Power supply for remote installation 24Vdc 10W /110-240V IP20 Class II selv. | *RF25747 | |   |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 | |   |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | F990B23AZ00 | |   |
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |   |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |   |

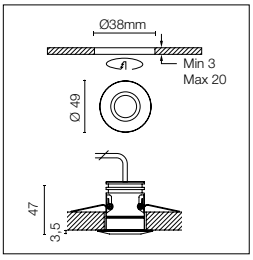
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

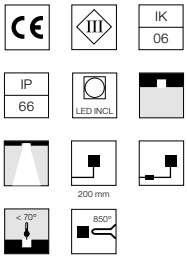
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

| A-RISE 65 | | A-RISE 65 HP | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF25754 | 1 |
| Acc. RF25748 | 1 | Acc. RF25748 | 1 |
| Acc. RF25747 | 2 | Acc. RF25747 | 2 |
| Acc. RF25757 | 2 | Acc. RF25757 | 2 |
| Acc. RF25755 | 9 | Acc. RF25755 | 7 |
| Acc. RF25749 | 17 | Acc. RF25749 | 14 |

## A-Rise 49 Ceiling



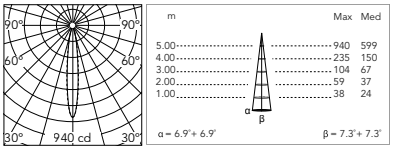

Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Mit Feder für Gipskarton-Installationen. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Transparenter Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Includes a spring for plasterboard installations. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Transparent polycarbonate diffuser. Adjustable light intensity version available upon request.

### Optic Spot 15°

**Power Led:** 2,3W - 144 lm ≠ OUTPUT 106 lm - 2700K/CRI 80 - 12÷24Vdc / 2,3W - 155 lm ≠ OUTPUT 115 lm - 3000K/CRI 80 - 12÷24Vdc / 2,3W - 161 lm ≠ OUTPUT 119 lm - 4000K/CRI 80 - 12÷24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| FA51711556 | FA51711356 | FA51711256 |

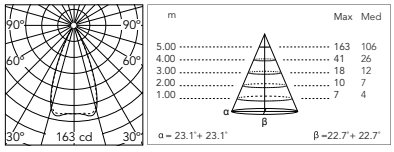



@ 3000K

### Optic Medium 45°

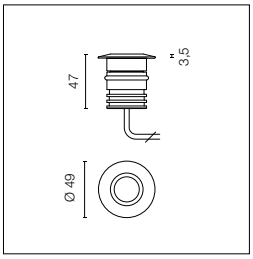
**Power Led:** 2,3W - 144 lm ≠ OUTPUT 97 lm - 2700K/CRI 80 - 12÷24Vdc / 2,3W - 155 lm ≠ OUTPUT 105 lm - 3000K/CRI 80 - 12÷24Vdc / 2,3W - 161 lm ≠ OUTPUT 109 lm - 4000K/CRI 80 - 12÷24Vdc

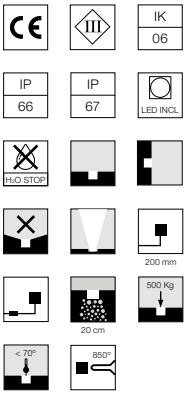
| 2700K | 3000K | 4000K |
|---|---|---|
| FA51712556 | FA51712356 | FA51712256 |




@ 3000K

## A-Rise 49



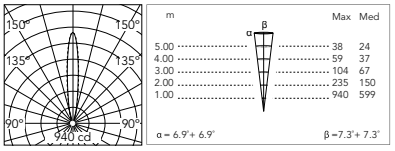

Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Transparenter Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Transparent polycarbonate diffuser. Adjustable light intensity version available upon request.

**Optic Spot 15°**

**Power Led:** 2,3W - 144 lm ≠ OUTPUT 106 lm - 2700K/CRI 80 - 12÷24Vdc / 2,3W - 155 lm ≠ OUTPUT 115 lm - 3000K/CRI 80 - 12÷24Vdc / 2,3W - 161 lm ≠ OUTPUT 119 lm - 4000K/CRI 80 - 12÷24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| FA51700556 | FA51700356 | FA51700256 |

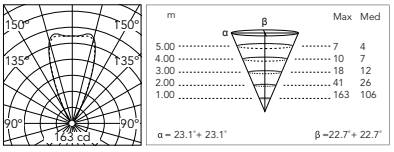



@ 3000K

**Optic Medium 45°**

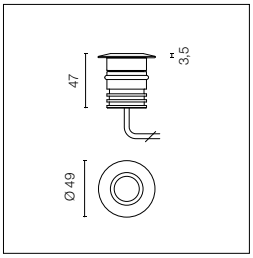
**Power Led:** 2,3W - 144 lm ≠ OUTPUT 97 lm - 2700K/CRI 80 - 12÷24Vdc / 2,3W - 155 lm ≠ OUTPUT 105 lm - 3000K/CRI 80 - 12÷24Vdc / 2,3W - 161 lm ≠ OUTPUT 109 lm - 4000K/CRI 80 - 12÷24Vdc

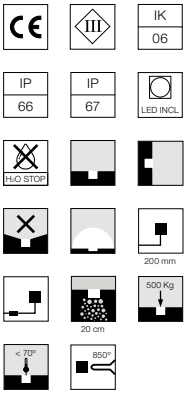
| 2700K | 3000K | 4000K |
|---|---|---|
| FA51701656 | FA51701356 | FA51701256 |




@ 3000K

## A-Rise 49 Opal



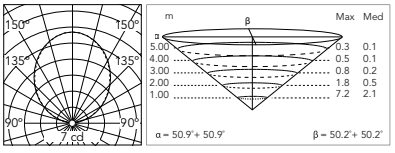

Inklusive LED-Lichtquelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 m überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Opaler Polycarbonat-Diffusor. Dimmbare Version auf Anfrage erhältlich.

LED light source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Opal polycarbonate diffuser. Adjustable light intensity version available upon request.

**Optic Wide Flood 100°**

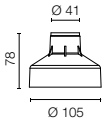
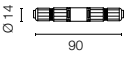
**Power Led:** 2,3W - 139 lm ≠ OUTPUT 16 lm - 2700K/CRI 80 - 12÷24Vdc / 2,3W - 149 lm ≠ OUTPUT 17 lm - 3000K/CRI 80 - 12÷24Vdc / 2,3W - 162 lm ≠ OUTPUT 18 lm - 4000K/CRI 80 - 12÷24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| FA51701756 | FA51701556 | FA51701456 |

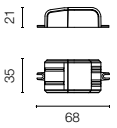
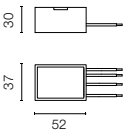
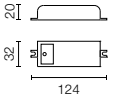
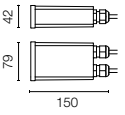
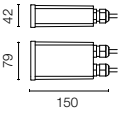
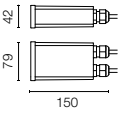
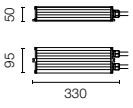
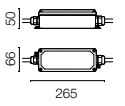



@ 4000K

## A-Rise 49: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Einbaugehäuse. | Box for installation. | F004Z0J0000 | |   |
| Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel). Kann nicht in das Einbaugehäuse für die Installation platziert werden. | 2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable). It can't be placed in the recessed box for installation. | F990C050000 | |   |

## A-Rise 49: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8W/100÷240V Iout 350 ma: 6x1 W/100÷240V IP20 Klasse II Selv Eq. | Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq. | *RF25754 | |   |
| Netzgerät 24V 8W / 110-240V IP65 Klasse II selv. | Power supply 24V 8W / 110-240V IP65 Class II selv. | *RF25748 | |   |
| Netzgerät für den Ferneinbau 24Vdc 10W / 110-240V IP20 Klasse II selv. | Power supply for remote installation 24Vdc 10W /110-240V IP20 Class II selv. | *RF25747 | |   |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 | |   |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | *RF25752 | |   |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | F990B23AZ00 | |   |
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |   |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |   |

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Max fixtures for each power supply (Vin 220÷240). Data in the chart are provided as a guide only. Please verify according to your installation.

| | | | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF25752 | 5 |
| Acc. RF25748 | 1 | Acc. RF25755 | 14 |
| Acc. RF25747 | 4 | Acc. RF25749 | 29 |
| Acc. RF25757 | 4 | | |

## Gobi

Gobi

## Familie / Family

Gobi 180

**Power Led**
up to 12W
up to 256 lm - 2700K/CRI 80
up to 276 lm - 3000K/CRI 80
up to 296 lm - 4000K/CRI 80
* Net lumen output

Gobi 130

**Power Led**
up to 7W
up to 140 lm - 2700K/CRI 80
up to 152 lm - 3000K/CRI 80
up to 164 lm - 4000K/CRI 80
* Net lumen output

Gobi 65

**Power Led**
up to 3,4W
up to 60 lm - 2700K/CRI 80
up to 64 lm - 3000K/CRI 80
up to 72 lm - 4000K/CRI 80
* Net lumen output

Gobi 65 Wall Path

**Power Led**
up to 3,4W
up to 47 lm - 2700K/CRI 80
up to 50 lm - 3000K/CRI 80
up to 54 lm - 4000K/CRI 80
* Net lumen output

Gobi 49

**Power Led**
up to 2,3W
up to 40 lm - 2700K/CRI 80
up to 44 lm - 3000K/CRI 80
up to 48 lm - 4000K/CRI 80
* Net lumen output

Gobi 49 Wall Path

**Power Led**
up to 2,3W
up to 36 lm - 2700K/CRI 80
up to 39 lm - 3000K/CRI 80
up to 42 lm - 4000K/CRI 80
* Net lumen output

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

33 Anthracite

56 Matt Stainless Steel*

* Nur für Gobi 65 und Gobi 49 versionen. / Only for Gobi 65 and Gobi 49 versions.

Komplette Familie von bodeneingebauten Wegleuchten mit LED-Quelle. Erhältlich in verschiedenen Dimensionen mit verschiedenen verstellbaren Abstrahlwinkeln. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Um Wasseransammlung zu vermeiden, muss der untere Teil der Dose mit einer Schicht aus abfließendem Material oder einem anderen Abflusssystem isoliert werden. Um den Erhalt der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

**Gobi**
Begehbare Bodeneinbauleuchte, erhältlich in zwei verschiedenen Durchmessern und drei Abstrahlwinkeln: monodirektional, bidirektional und omindirektional. Die Position der Lichtquelle parallel zur Oberfläche ermöglicht es, die direkte Komponente der Lichtemission maximal auszunutzen. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil), das mit einer doppelten Schicht hochkorrosionsfester Farbe beschichtet ist. Transparentes Borosilikatglas. Ausgestattet mit einem M12-Gewindeanschluss, der das Eindringen von Wasser verhindert und einen schnellen Anschluss an die Kabeleinheit ermöglicht. Die 230 V Version enthält die Stromversorgung und ein ferngesteuertes IP67-Kit, das in der versenkten Anschlussdose installiert werden muss. Die 24 V Gleichstrom-Version ist mit einem überstehenden Kabel ausgestattet und einem Gewindeanschluss für den Anschluss an die Fernstromversorgung. Die Anschlussdose ist in zwei Versionen erhältlich: die Standardversion aus Kunststoff und die Heavy-Duty-Version aus Metall, die für Bereiche mit hohem Verkehrsaufkommen geeignet ist.

**Gobi 49 / Gobi 65**
Begehbare Bodeneinbauleuchte, erhältlich in zwei verschiedenen Durchmessern und vier Abstrahlwinkeln: einstrahlig, zweistrahlig, dreistrahlig und vierstrahlig. Struktur aus gedrehtem Aluminium, Legierung EN AW 6060, eloxiert für bessere Korrosionsbeständigkeit. Der Außenstruktur ist aus kugelgestrahltem Edelstahl AISI 316L gefertigt. Transparenter Polycarbonat-Diffusor. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

**Gobi 49 Wall / Gobi 65 Wall**
Wegleuchte zur Wandmontage, erhältlich in zwei verschiedenen Durchmessern und mit einem Abstrahlwinkel von 180º zum Boden gerichtet. Struktur aus gedrehtem Aluminium, Legierung EN AW 6060, eloxiert für bessere Korrosionsbeständigkeit. Der Außenstruktur ist aus kugelgestrahltem Edelstahl AISI 316L gefertigt. Transparenter Polycarbonat-Diffusor. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

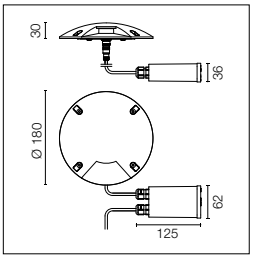
Complete family of ground-recessed path lights, with flush-emitting LED source. Available in different dimensions and several adjustable beam angles. The fixing screws are made of AISI 316L stainless steel. Requires a specific junction box to be ordered separately. To avoid water stagnation, it is necessary to insulate the lower part of the box with a layer of drainage material or other drainage system. In order to guarantee the preservation of the cable guide, it is recommended to use flexible electric cables specifically designed for outdoor use.

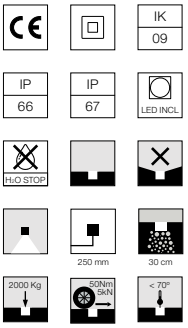
**Gobi**
Ground recessed and walk-over luminaire, available in two different diameters and three beam angles: monodirectional, bidirectional and omindirectional. The position of the light source, parallel to the supporting surface, allows the direct component of the light emission to be exploited to the maximum. EN AB-47100 die-cast aluminium body (with low copper content), coated with a double layer of highly corrosion-resistant paint. Transparent borosilicate glass. Equipped with an M12 screw-on connector that prevents water infiltration and guarantees a quick connection to the wiring unit. 230V versions include the power supply unit and a remote IP67 kit to be installed in the junction box for recessing. The 24 V dc version is equipped with a cable and a screw connector for the connection to the remote power supply. The junction box is available in two versions: the standard version made of plastic and the heavy duty metal version, suitable for areas with high vehicular flow.

**Gobi 49 / Gobi 65**
Ground recessed and walk-over luminaire, available in two different diameters and four beam angles: one beam, two beams, three beams and four beams. Structure in turned aluminium, EN AW 6060 alloy, with an anodized treatment for better resistance to corrosion. The external structure is covered in AISI 316L shot-blasted stainless steel. Transparent polycarbonate diffuser. The 24 V dc luminaire is powered by a remote power supply to be ordered separately.

**Gobi 49 Wall / Gobi 65 Wall**
Wall-recessed path light, available in two different diameters and with a 180º beam angle directed towards the floor. Structure in turned aluminium, EN AW 6060 alloy, with an anodized treatment for better resistance to corrosion. The external structure is covered in AISI 316L shot-blasted stainless steel. Transparent polycarbonate diffuser. The 24 V dc luminaire is powered by a remote power supply to be ordered separately.

## Gobi 180 Mono



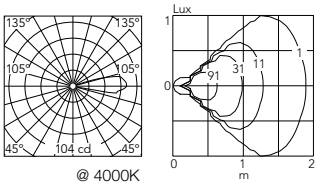




Inklusive LED-Lichtquelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 40 mm überstehenden Kabel mit einem wasserdichten M12 Gewindeanschluss und einem 300 mm Kabel für den Anschluss an die Stromleitung. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated electric power supply 220-240V ON/OFF. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 400 mm cable with an M12 watertight screw-on connector towards the luminaire, and with a 300 mm cable for the connection to the power line. Adjustable light intensity version available upon request.

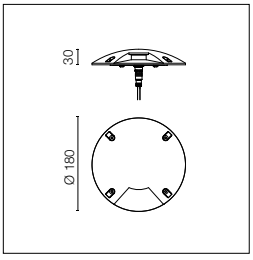
**Power Led:** 5W - 233 lm ≠ OUTPUT 64 lm - 2700K/CRI 80- 220÷240V / 5W - 250 lm ≠ OUTPUT 69 lm - 3000K/CRI 80 - 220÷240V / 5W - 266 lm ≠ OUTPUT 74 lm - 4000K/CRI 80 - 220÷240V

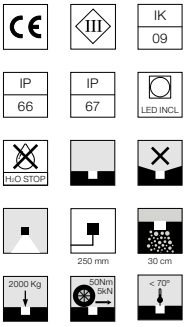
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53504701 | ○ FA53501201 | ○ FA53501101 |
| ● FA53504706 | ● FA53501206 | ● FA53501106 |
| ● FA53504712 | ● FA53501212 | ● FA53501112 |
| ● FA53504718 | ● FA53501218 | ● FA53501118 |
| ● FA53504730 | ● FA53501230 | ● FA53501130 |
| ● FA53504733 | ● FA53501233 | ● FA53501133 |



@ 4000K

## Gobi 180 Mono Low Voltage



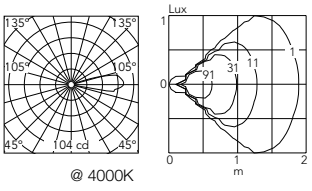




Inklusive LED-Quelle. Die 24Vdc Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Kabel und einem wasserdichten M12-Gewindeanschluss. Optionales Zubehör: 5000 mm und 300 mm Verteilerkabel mit M12-Gewindeanschlüssen für mehrfache Installationen.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with protruding, 250 mm cable with an M12 watertight screw-on connector. Optional accessories: 5000 mm cable and 300 mm splitter cable with M12 connectors for multiple installations.

**Power Led:** 3,4W - 233 lm ≠ OUTPUT 64 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 250 lm ≠ OUTPUT 69 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 266 lm ≠ OUTPUT 74 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53504801 | ○ FA53503001 | ○ FA53502901 |
| ● FA53504806 | ● FA53503006 | ● FA53502906 |
| ● FA53504812 | ● FA53503012 | ● FA53502912 |
| ● FA53504818 | ● FA53503018 | ● FA53502918 |
| ● FA53504830 | ● FA53503030 | ● FA53502930 |
| ● FA53504833 | ● FA53503033 | ● FA53502933 |



@ 4000K

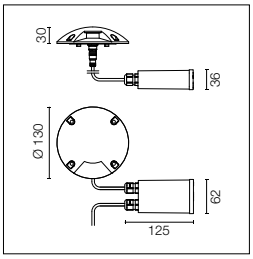
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

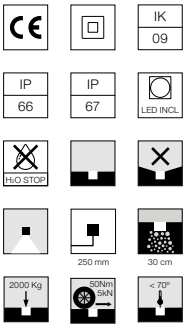
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | |
|---|---|
| Acc. RF25752 | 3 |
| Acc. RF25755 | 8 |
| Acc. RF25749 | 16 |

## Gobi 130 Mono



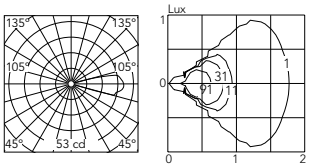




Inklusive LED-Lichtquelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 40 mm überstehenden Kabel mit einem wasserdichten M12 Gewindeanschluss und einem 300 mm Kabel für den Anschluss an die Stromleitung. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated electric power supply 220-240V ON/OFF. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 400 mm cable with an M12 watertight screw-on connector towards the luminaire, and with a 300 mm cable for the connection to the power line. Adjustable light intensity version available upon request.

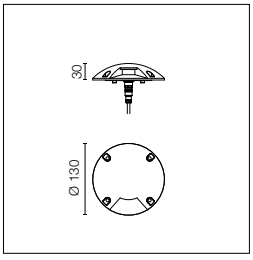
**Power Led:** 4W - 129 lm ≠ OUTPUT 35 lm - 2700K/CRI 80 - 220÷240V / 4W - 139 lm ≠ OUTPUT 38 lm - 3000K/CRI 80 - 220÷240V / 4W - 148 lm ≠ OUTPUT 41 lm - 4000K/CRI 80 - 220÷240V

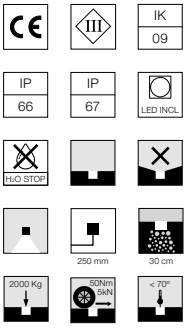
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53504101 | ○ FA53500301 | ○ FA53500201 |
| ● FA53504106 | ● FA53500306 | ● FA53500206 |
| ● FA53504112 | ● FA53500312 | ● FA53500212 |
| ● FA53504118 | ● FA53500318 | ● FA53500218 |
| ● FA53504130 | ● FA53500330 | ● FA53500230 |
| ● FA53504133 | ● FA53500333 | ● FA53500233 |



@ 4000K

## Gobi 130 Mono Low Voltage



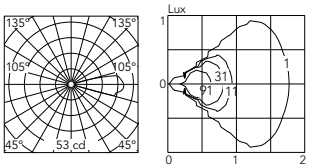




Inklusive LED-Quelle. Die 24Vdc Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Kabel und einem wasserdichten M12-Gewindeanschluss. Optionales Zubehör: 5000 mm und 300 mm Verteilerkabel mit M12-Gewindeanschlüssen für mehrfache Installationen.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with protruding, 250 mm cable with an M12 watertight screw-on connector. Optional accessories: 5000 mm cable and 300 mm splitter cable with M12 connectors for multiple installations.

**Power Led:** 1,9W - 129 lm ≠ OUTPUT 35 lm - 2700K/CRI 80 - 24Vdc / 1,9W - 139 lm ≠ OUTPUT 38 lm - 3000K/CRI 80 - 24Vdc / 1,9W - 148 lm ≠ OUTPUT 41 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53504201 | ○ FA53502101 | ○ FA53502001 |
| ● FA53504206 | ● FA53502106 | ● FA53502006 |
| ● FA53504212 | ● FA53502112 | ● FA53502012 |
| ● FA53504218 | ● FA53502118 | ● FA53502018 |
| ● FA53504230 | ● FA53502130 | ● FA53502030 |
| ● FA53504233 | ● FA53502133 | ● FA53502033 |



@ 4000K

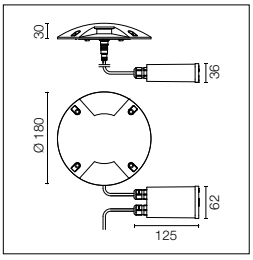
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

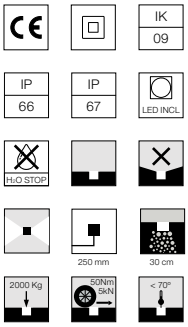
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | |
|---|---|
| Acc. RF25752 | 5 |
| Acc. RF25755 | 16 |
| Acc. RF25749 | 33 |

## Gobi 180 Double



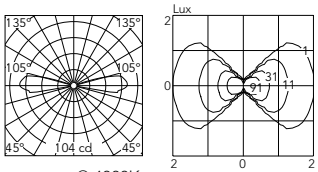



Inklusive LED-Lichtquelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 40 mm überstehenden Kabel mit einem wasserdichten M12 Gewindeanschluss und einem 300 mm Kabel für den Anschluss an die Stromleitung. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated electric power supply 220-240V ON/OFF. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 400 mm cable with an M12 watertight screw-on connector towards the luminaire, and with a 300 mm cable for the connection to the power line. Adjustable light intensity version available upon request.

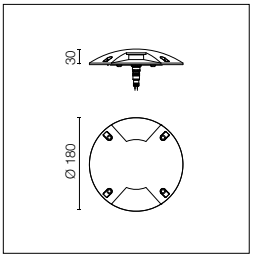
**Power Led:** 7W - 2x233 lm ≠ OUTPUT 2x64 lm - 2700K/CRI 80 - 220÷240V / 7W - 2x250 lm ≠ OUTPUT 2x69 lm - 3000K/CRI 80 - 220÷240V / 7W - 2x266 lm ≠ OUTPUT 2x74 lm - 4000K/CRI 80 - 220÷240V

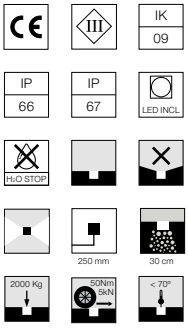
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53504901 | ○ FA53501501 | ○ FA53501401 |
| ● FA53504906 | ● FA53501506 | ● FA53501406 |
| ● FA53504912 | ● FA53501512 | ● FA53501412 |
| ● FA53504918 | ● FA53501518 | ● FA53501418 |
| ● FA53504930 | ● FA53501530 | ● FA53501430 |
| ● FA53504933 | ● FA53501533 | ● FA53501433 |



@ 4000K

## Gobi 180 Double Low Voltage



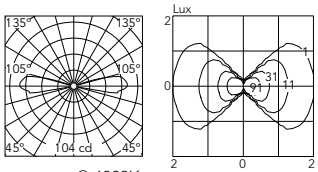



Inklusive LED-Quelle. Die 24Vdc Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Kabel und einem wasserdichten M12-Gewindeanschluss. Optionales Zubehör: 5000 mm und 300 mm Verteilerkabel mit M12-Gewindeanschlüssen für mehrfache Installationen.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with protruding, 250 mm cable with an M12 watertight screw-on connector. Optional accessories: 5000 mm cable and 300 mm splitter cable with M12 connectors for multiple installations.

**Power Led:** 6,4W - 2x233 lm ≠ OUTPUT 2x64 lm - 2700K/CRI 80 - 24Vdc / 6,4W - 2x250 lm ≠ OUTPUT 2x69 lm - 3000K/CRI 80 - 24Vdc / 6,4W - 2x266 lm ≠ OUTPUT 2x74 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53505001 | ○ FA53503301 | ○ FA53503201 |
| ● FA53505006 | ● FA53503306 | ● FA53503206 |
| ● FA53505012 | ● FA53503312 | ● FA53503212 |
| ● FA53505018 | ● FA53503318 | ● FA53503218 |
| ● FA53505030 | ● FA53503330 | ● FA53503230 |
| ● FA53505033 | ● FA53503333 | ● FA53503233 |



@ 4000K

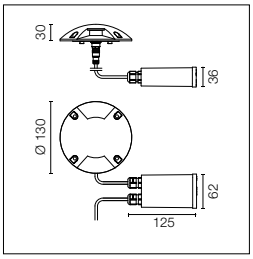
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

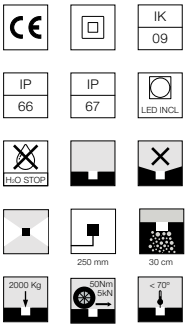
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | |
|---|---|
| Acc. RF25752 | 2 |
| Acc. RF25755 | 5 |
| Acc. RF25749 | 8 |

## Gobi 130 Double



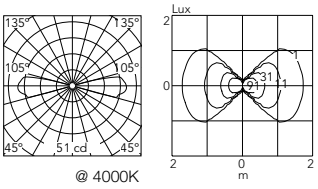




Inklusive LED-Lichtquelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 40 mm überstehenden Kabel mit einem wasserdichten M12 Gewindeanschluss und einem 300 mm Kabel für den Anschluss an die Stromleitung. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated electric power supply 220-240V ON/OFF. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 400 mm cable with an M12 watertight screw-on connector towards the luminaire, and with a 300 mm cable for the connection to the power line. Adjustable light intensity version available upon request.

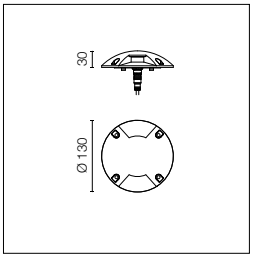
**Power Led:** 5W - 2x129 lm ≠ OUTPUT 2x35 lm - 2700K/CRI 80 - 220÷240V / 5W - 2x139 lm ≠ OUTPUT 2x38 lm - 3000K/CRI 80 - 220÷240V / 5W - 2x148 lm ≠ OUTPUT 2x41 lm - 4000K/CRI 80 - 220÷240V

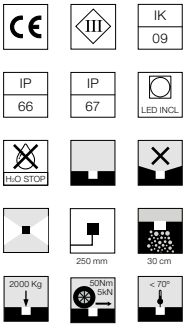
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53504301 | ○ FA53500601 | ○ FA53500501 |
| ● FA53504306 | ● FA53500606 | ● FA53500506 |
| ● FA53504312 | ● FA53500612 | ● FA53500512 |
| ● FA53504318 | ● FA53500618 | ● FA53500518 |
| ● FA53504330 | ● FA53500630 | ● FA53500530 |
| ● FA53504333 | ● FA53500633 | ● FA53500533 |



@ 4000K

## Gobi 130 Double Low Voltage



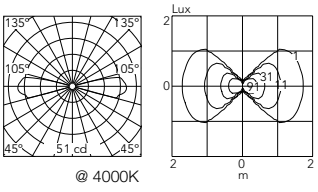




Inklusive LED-Quelle. Die 24Vdc Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Kabel und einem wasserdichten M12-Gewindeanschluss. Optionales Zubehör: 5000 mm und 300 mm Verteilerkabel mit M12-Gewindeanschlüssen für mehrfache Installationen.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with protruding, 250 mm cable with an M12 watertight screw-on connector. Optional accessories: 5000 mm cable and 300 mm splitter cable with M12 connectors for multiple installations.

**Power Led:** 3,5W - 2x129 lm ≠ OUTPUT 2x35 lm - 2700K/CRI 80 - 24Vdc / 3,5W - 2x139 lm ≠ OUTPUT 2x38 lm - 3000K/CRI 80 - 24Vdc / 3,5W - 2x148 lm ≠ OUTPUT 2x41 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53504401 | ○ FA53502401 | ○ FA53502301 |
| ● FA53504406 | ● FA53502406 | ● FA53502306 |
| ● FA53504412 | ● FA53502412 | ● FA53502312 |
| ● FA53504418 | ● FA53502418 | ● FA53502318 |
| ● FA53504430 | ● FA53502430 | ● FA53502330 |
| ● FA53504433 | ● FA53502433 | ● FA53502333 |



@ 4000K

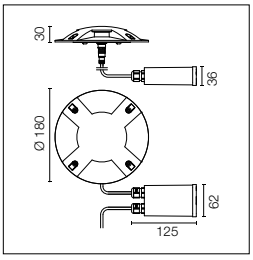
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

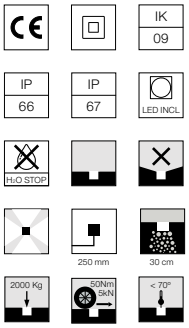
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | |
|---|---|
| Acc. RF25752 | 2 |
| Acc. RF25755 | 10 |
| Acc. RF25749 | 19 |

## Gobi 180 Multi



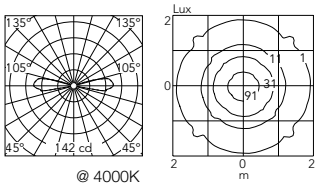




Inklusive LED-Lichtquelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 40 mm überstehenden Kabel mit einem wasserdichten M12 Gewindeanschluss und einem 300 mm Kabel für den Anschluss an die Stromleitung. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated electric power supply 220-240V ON/OFF. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 400 mm cable with an M12 watertight screw-on connector towards the luminaire, and with a 300 mm cable for the connection to the power line. Adjustable light intensity version available upon request.

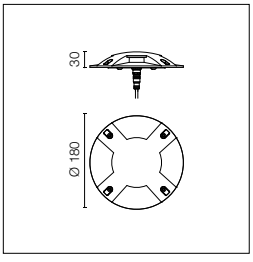
**Power Led:** 12W - 4x233 lm ≠ OUTPUT 4x64 lm - 2700K/CRI 80 - 220÷240V / 12W - 4x250 lm ≠ OUTPUT 4x69 lm - 3000K/CRI 80 - 220÷240V / 12W - 4x266 lm ≠ OUTPUT 4x74 lm - 4000K/CRI 80 - 220÷240V

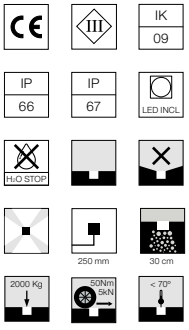
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53505101 | ○ FA53501801 | ○ FA53501701 |
| ● FA53505106 | ● FA53501806 | ● FA53501706 |
| ● FA53505112 | ● FA53501812 | ● FA53501712 |
| ● FA53505118 | ● FA53501818 | ● FA53501718 |
| ● FA53505130 | ● FA53501830 | ● FA53501730 |
| ● FA53505133 | ● FA53501833 | ● FA53501733 |



@ 4000K

## Gobi 180 Multi Low Voltage



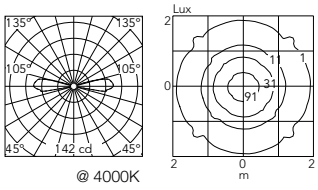




Inklusive LED-Quelle. Die 24Vdc Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Kabel und einem wasserdichten M12-Gewindeanschluss. Optionales Zubehör: 5000 mm und 300 mm Verteilerkabel mit M12-Gewindeanschlüssen für mehrfache Installationen.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with protruding, 250 mm cable with an M12 watertight screw-on connector. Optional accessories: 5000 mm cable and 300 mm splitter cable with M12 connectors for multiple installations.

**Power Led:** 11,2W - 4x233 lm ≠ OUTPUT 4x64 lm - 2700K/CRI 80 - 24Vdc / 11,2W - 4x250 lm ≠ OUTPUT 4x69 lm - 3000K/CRI 80 - 24Vdc / 11,2W - 4x266 lm ≠ OUTPUT 4x74 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53505201 | ○ FA53503601 | ○ FA53503501 |
| ● FA53505206 | ● FA53503606 | ● FA53503506 |
| ● FA53505212 | ● FA53503612 | ● FA53503512 |
| ● FA53505218 | ● FA53503618 | ● FA53503518 |
| ● FA53505230 | ● FA53503630 | ● FA53503530 |
| ● FA53505233 | ● FA53503633 | ● FA53503533 |



@ 4000K

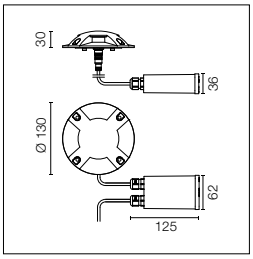
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

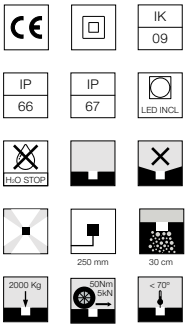
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | |
|---|---|
| Acc. RF25752 | 1 |
| Acc. RF25755 | 3 |
| Acc. RF25749 | 6 |

## Gobi 130 Multi



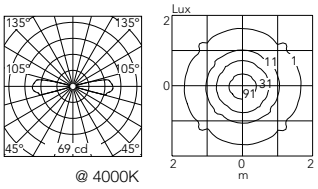




Inklusive LED-Lichtquelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 40 mm überstehenden Kabel mit einem wasserdichten M12 Gewindeanschluss und einem 300 mm Kabel für den Anschluss an die Stromleitung. Dimmbare Version auf Anfrage erhältlich.

LED light source included. Integrated electric power supply 220-240V ON/OFF. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 400 mm cable with an M12 watertight screw-on connector towards the luminaire, and with a 300 mm cable for the connection to the power line. Adjustable light intensity version available upon request.

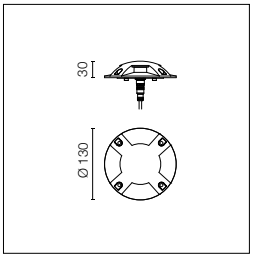
**Power Led:** 7W - 4x129 lm ≠ OUTPUT 4x35 lm - 2700K/CRI 80 - 220÷240V / 7W - 4x139 lm ≠ OUTPUT 4x38 lm - 3000K/CRI 80 - 220÷240V / 7W - 4x148 lm ≠ OUTPUT 4x41 lm - 4000K/CRI 80 - 220÷240V

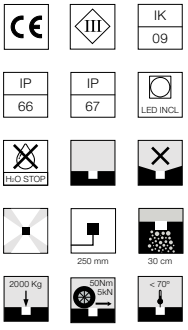
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53504501 | ○ FA53500901 | ○ FA53500801 |
| ● FA53504506 | ● FA53500906 | ● FA53500806 |
| ● FA53504512 | ● FA53500912 | ● FA53500812 |
| ● FA53504518 | ● FA53500918 | ● FA53500818 |
| ● FA53504530 | ● FA53500930 | ● FA53500830 |
| ● FA53504533 | ● FA53500933 | ● FA53500833 |



@ 4000K

## Gobi 130 Multi Low Voltage



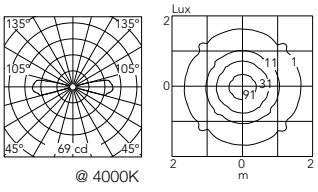




Inklusive LED-Quelle. Die 24Vdc Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 250 mm überstehenden Kabel und einem wasserdichten M12-Gewindeanschluss. Optionales Zubehör: 5000 mm und 300 mm Verteilerkabel mit M12-Gewindeanschlüssen für mehrfache Installationen.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with protruding, 250 mm cable with an M12 watertight screw-on connector. Optional accessories: 5000 mm cable and 300 mm splitter cable with M12 connectors for multiple installations.

**Power Led:** 5,8W - 4x129 lm ≠ OUTPUT 4x35 lm - 2700K/CRI 80 - 24Vdc / 5,8W - 4x139 lm ≠ OUTPUT 4x38 lm - 3000K/CRI 80 - 24Vdc / 5,8W - 4x148 lm ≠ OUTPUT 4x41 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53504601 | ○ FA53502701 | ○ FA53502601 |
| ● FA53504606 | ● FA53502706 | ● FA53502606 |
| ● FA53504612 | ● FA53502712 | ● FA53502612 |
| ● FA53504618 | ● FA53502718 | ● FA53502618 |
| ● FA53504630 | ● FA53502730 | ● FA53502630 |
| ● FA53504633 | ● FA53502733 | ● FA53502633 |

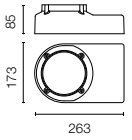
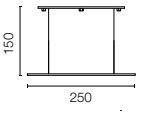
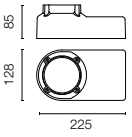
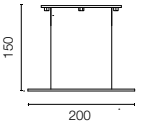


@ 4000K

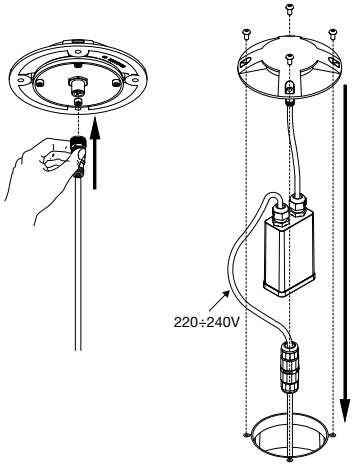
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | | |
|---|---|---|---|
| | | Acc. RF25752 | 1 |
| | | Acc. RF25755 | 7 |
| | | Acc. RF25749 | 12 |

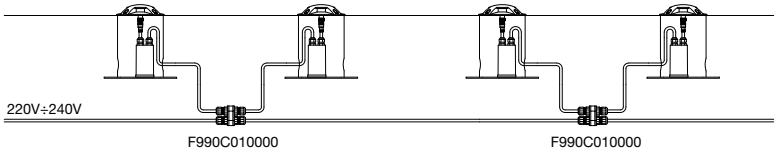
## Gobi: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Einbaugehäuse. | Box for installation | Gobi 180<br>FA194 | |  |
| Hochbeständige Einbaudose zur Installation. | High resistance in-ground box for installation | Gobi 180<br>FA195 | |  |
| Einbaugehäuse. | Box for installation. | Gobi 130<br>FA192 | |  |
| Hochbeständige Einbaudose zur Installation. | High resistance in-ground box for installation | Gobi 130<br>FA193 | |  |

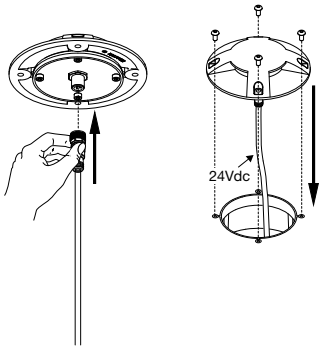
## Gobi 130/180 220÷240V version - Wiring Installation



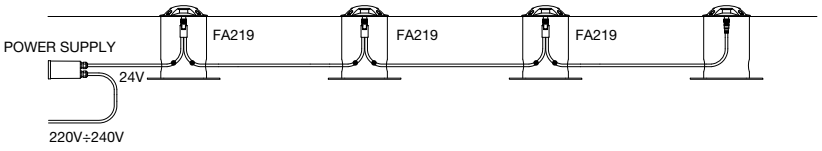

**Example of installation**



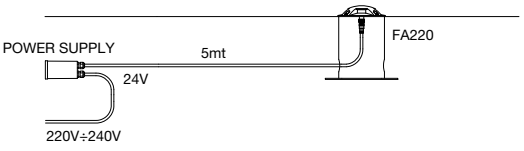

## Gobi 130/180 24Vdc version - Wiring Installation



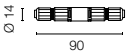
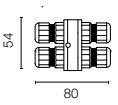
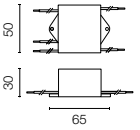

**Example of installation 1**



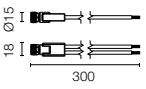
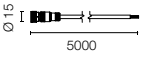
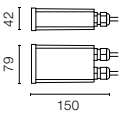
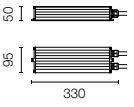
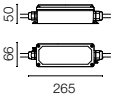

**Example of installation 2**



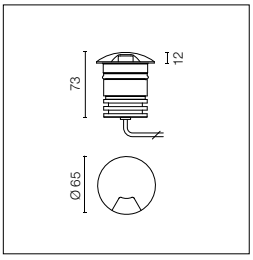
## Gobi: Treiber / Drivers

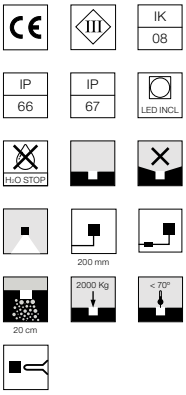
| | | | | |
|---|---|---|---|---|
| Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel).<br>Kann nicht in das Einbaugehäuse für die Installation platziert werden. | 2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable).<br><br>It can't be placed in the recessed box for installation. | F990C050000 | |  |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig. | 2 way terminal block 4 poles IP68 H2O Stop. | F990C00A000 | | |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 | |  |

## Gobi Low Voltage: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Verteiler m12-Anschluss. | Splitter m12 connector. | FA219 | |  |
| M12 Einzelanschluss L. 5000 mm. | M12 single connector L.5.000mm. | FA220 | |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | *RF25752 | |  |
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |  |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |  |

## Gobi 65 Mono



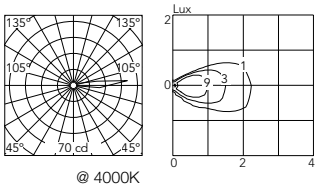




Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

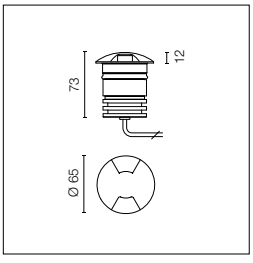
**Power Led:** 3,4W - 169 lm ≠ OUTPUT 15 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 182 lm ≠ OUTPUT 16 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 198 lm ≠ OUTPUT 18 lm - 4000K/CRI 80 - 24Vdc

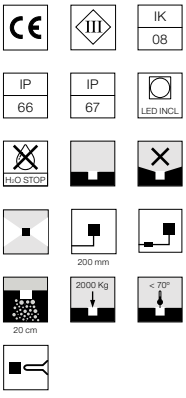
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51824201 | ○ FA51804301 | ○ FA51804201 |
| ● FA51824206 | ● FA51804306 | ● FA51804206 |
| ● FA51824212 | ● FA51804312 | ● FA51804212 |
| ● FA51824218 | ● FA51804318 | ● FA51804218 |
| ● FA51824230 | ● FA51804330 | ● FA51804230 |
| ● FA51824233 | ● FA51804333 | ● FA51804233 |
| ◐ FA51824256 | ◐ FA51804356 | ◐ FA51804256 |




@ 4000K

## Gobi 65 Double



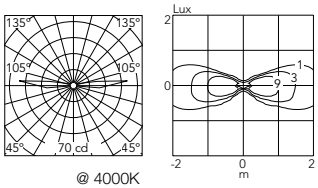




Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

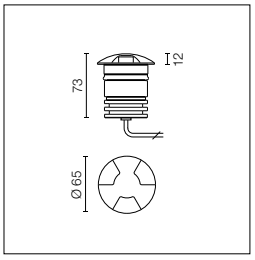
**Power Led:** 3,4W - 2x169 lm ≠ OUTPUT 2x15 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 2x182 lm ≠ OUTPUT 2x16 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 2x198 lm ≠ OUTPUT 2x18 lm - 4000K/CRI 80 - 24Vdc

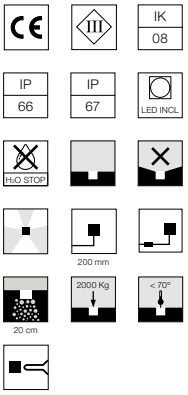
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51825201 | ○ FA51805301 | ○ FA51805201 |
| ● FA51825206 | ● FA51805306 | ● FA51805206 |
| ● FA51825212 | ● FA51805312 | ● FA51805212 |
| ● FA51825218 | ● FA51805318 | ● FA51805218 |
| ● FA51825230 | ● FA51805330 | ● FA51805230 |
| ● FA51825233 | ● FA51805333 | ● FA51805233 |
| ◐ FA51825256 | ◐ FA51805356 | ◐ FA51805256 |




@ 4000K

## Gobi 65 Triple



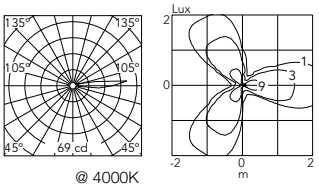




Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

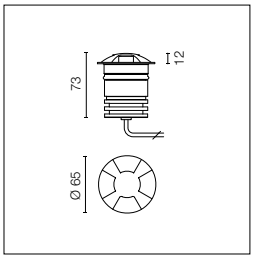
**Power Led:** 3,4W - 3x169 lm ≠ OUTPUT 3x15 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 3x182 lm ≠ OUTPUT 3x16 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 3x198 lm ≠ OUTPUT 3x18 lm - 4000K/CRI 80 - 24Vdc

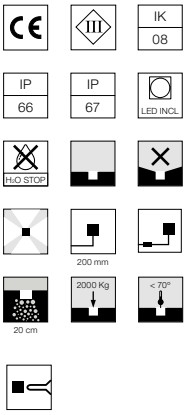
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51826201 | ○ FA51806301 | ○ FA51806201 |
| ● FA51826206 | ● FA51806306 | ● FA51806206 |
| ● FA51826212 | ● FA51806312 | ● FA51806212 |
| ● FA51826218 | ● FA51806318 | ● FA51806218 |
| ● FA51826230 | ● FA51806330 | ● FA51806230 |
| ● FA51826233 | ● FA51806333 | ● FA51806233 |
| ◐ FA51826256 | ◐ FA51806356 | ◐ FA51806256 |



@ 4000K

## Gobi 65 Multi



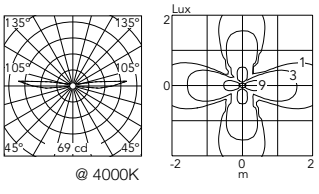




Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

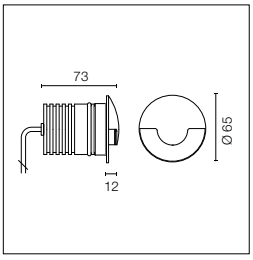
**Power Led:** 3,4W - 4x169 lm ≠ OUTPUT 4x15 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 4x182 lm ≠ OUTPUT 4x16 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 4x198 lm ≠ OUTPUT 4x18 lm - 4000K/CRI 80 - 24Vdc

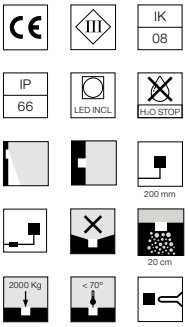
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51827201 | ○ FA51807301 | ○ FA51807201 |
| ● FA51827206 | ● FA51807306 | ● FA51807206 |
| ● FA51827212 | ● FA51807312 | ● FA51807212 |
| ● FA51827218 | ● FA51807318 | ● FA51807218 |
| ● FA51827230 | ● FA51807330 | ● FA51807230 |
| ● FA51827233 | ● FA51807333 | ● FA51807233 |
| ◐ FA51827256 | ◐ FA51807356 | ◐ FA51807256 |



@ 4000K

## Gobi 65 Wall Path




Inklusive LED-Quelle.
Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden.
Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel und einem Kabelset mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

**Power Led:** 3,4W - 169 lm ≠ OUTPUT 47 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 182 lm ≠ OUTPUT 50 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 198 lm ≠ OUTPUT 54 lm - 4000K/CRI 80 - 24Vdc

**2700K**

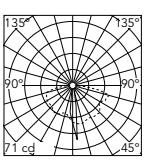
- ○ FA51828201
- FA51828206
- FA51828212
- FA51828218
- FA51828230
- FA51828233
- FA51828256

**3000K**

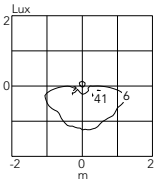
- ○ FA51808301
- FA51808306
- FA51808312
- FA51808318
- FA51808330
- FA51808333
- FA51808356

**4000K**

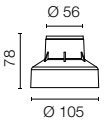
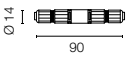
- ○ FA51808201
- FA51808206
- FA51808212
- FA51808218
- FA51808230
- FA51808233
- FA51808256



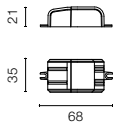
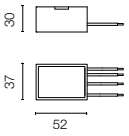
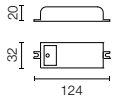
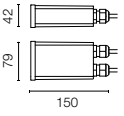
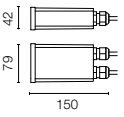
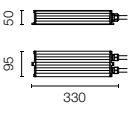
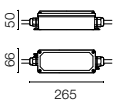

@ 4000K



## Gobi 65: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Einbaugehäuse.<br>ø105 H 78mm | Box for installation<br>ø105 H 78mm. | F004Z0K0000 | |  |
| Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel).<br>Kann nicht in das Einbaugehäuse für die Installation platziert werden. | 2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable).<br><br>It can't be placed in the recessed box for installation. | F990C050000 | |  |

## Gobi 65: Treiber / Drivers

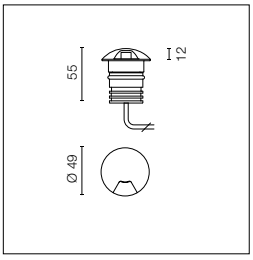
| | | | | |
|---|---|---|---|---|
| Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq. | Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq. | *RF25754 | |  |
| Netzgerät 24V 8W / 110-240V IP65 Klasse II selv. | Power supply 24V 8W / 110-240V IP65 Class II selv. | *RF25748 | |  |
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | *RF25747 | |  |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 | |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | *RF25752 | |  |
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |  |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |  |

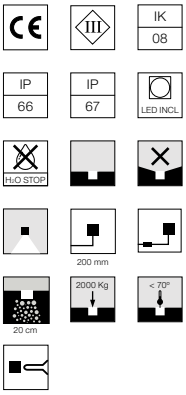
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. |
|---|---|

| | | | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF25752 | 3 |
| Acc. RF25748 | 1 | Acc. RF25755 | 9 |
| Acc. RF25747 | 2 | Acc. RF25749 | 17 |
| Acc. RF25757 | 2 | | |

## Gobi 49 Mono




Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

**Power Led:** 2,3W - 139 lm ≠ OUTPUT 10 lm - 2700K/CRI 80 -24Vdc / 2,3W - 149 lm ≠ OUTPUT 11 lm - 3000K/CRI 80 -24Vdc / 2,3W - 162 lm ≠ OUTPUT 12 lm - 4000K/CRI 80 -24Vdc

**2700K**

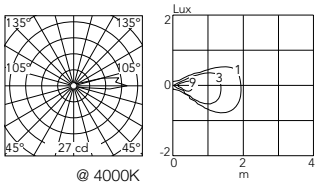
- ○ FA51702501
- ● FA51702506
- ● FA51702512
- ● FA51702518
- ● FA51702530
- ● FA51702533
- ◐ FA51702556

**3000K**

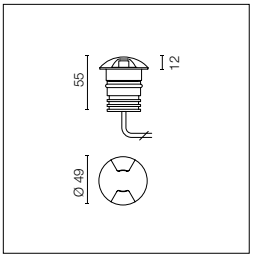
- ○ FA51702301
- ● FA51702306
- ● FA51702312
- ● FA51702318
- ● FA51702330
- ● FA51702333
- ◐ FA51702356

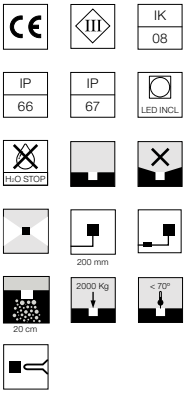
**4000K**

- ○ FA51702201
- ● FA51702206
- ● FA51702212
- ● FA51702218
- ● FA51702230
- ● FA51702233
- ◐ FA51702256




## Gobi 49 Double




Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

**Power Led:** 2,3W - 2x139 lm ≠ OUTPUT 2x10 lm - 2700K/CRI 80 -24Vdc / 2,3W - 2x149 lm ≠ OUTPUT 2x11 lm - 3000K/CRI 80 -24Vdc / 2,3W - 2x162 lm ≠ OUTPUT 2x12 lm - 4000K/CRI 80 -24Vdc

**2700K**

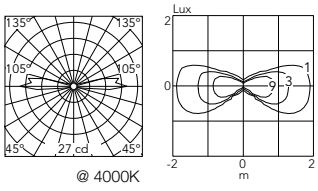
- ○ FA51703501
- ● FA51703506
- ● FA51703512
- ● FA51703518
- ● FA51703530
- ● FA51703533
- ◐ FA51703556

**3000K**

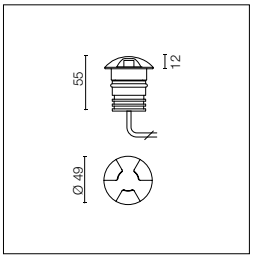
- ○ FA51703301
- ● FA51703306
- ● FA51703312
- ● FA51703318
- ● FA51703330
- ● FA51703333
- ◐ FA51703356

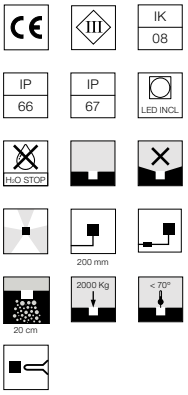
**4000K**

- ○ FA51703201
- ● FA51703206
- ● FA51703212
- ● FA51703218
- ● FA51703230
- ● FA51703233
- ◐ FA51703256



## Gobi 49 Triple



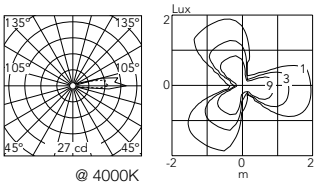




Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

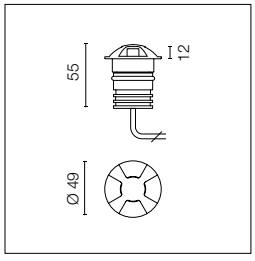
**Power Led:** 2,3W - 3x139 lm ≠ OUTPUT 3x10 lm - 2700K/CRI 80 -24Vdc / 2,3W - 3x149 lm ≠ OUTPUT 3x11 lm - 3000K/CRI 80 -24Vdc / 2,3W - 3x162 lm ≠ OUTPUT 3x12 lm - 4000K/CRI 80 -24Vdc

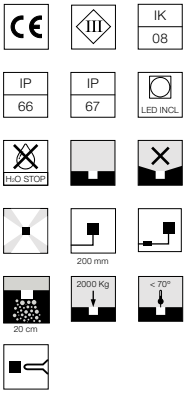
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51704501 | ○ FA51704301 | ○ FA51704201 |
| ● FA51704506 | ● FA51704306 | ● FA51704206 |
| ● FA51704512 | ● FA51704312 | ● FA51704212 |
| ● FA51704518 | ● FA51704318 | ● FA51704218 |
| ● FA51704530 | ● FA51704330 | ● FA51704230 |
| ● FA51704533 | ● FA51704333 | ● FA51704233 |
| ◐ FA51704556 | ◐ FA51704356 | ◐ FA51704256 |



@ 4000K

## Gobi 49 Multi



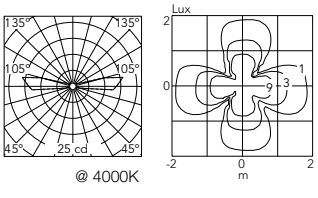




Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

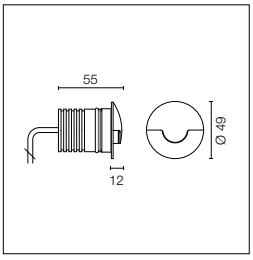
**Power Led:** 2,3W - 4x139 lm ≠ OUTPUT 4x10 lm - 2700K/CRI 80 -24Vdc / 2,3W - 4x149 lm ≠ OUTPUT 4x11 lm - 3000K/CRI 80 -24Vdc / 2,3W - 4x162 lm ≠ OUTPUT 4x12 lm - 4000K/CRI 80 -24Vdc

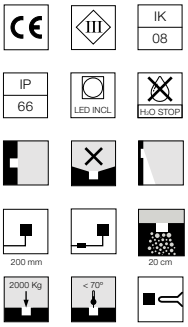
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51705501 | ○ FA51705301 | ○ FA51705201 |
| ● FA51705506 | ● FA51705306 | ● FA51705206 |
| ● FA51705512 | ● FA51705312 | ● FA51705212 |
| ● FA51705518 | ● FA51705318 | ● FA51705218 |
| ● FA51705530 | ● FA51705330 | ● FA51705230 |
| ● FA51705533 | ● FA51705333 | ● FA51705233 |
| ◐ FA51705556 | ◐ FA51705356 | ◐ FA51705256 |



@ 4000K

## Gobi 49 Wall Path




Inklusive LED-Quelle.
Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden.
Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Kabel und einem Kabelset mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Adjustable light intensity version available upon request.

**Power Led:** 2,3W - 139 lm ≠ OUTPUT 36 lm - 2700K/CRI 80 -24Vdc / 2,3W - 149 lm ≠ OUTPUT 39 lm - 3000K/CRI 80 -24Vdc / 2,3W - 162 lm ≠ OUTPUT 42 lm - 4000K/CRI 80 -24Vdc

**2700K**

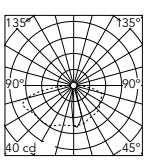
- ○ FA51706501
- FA51706506
- FA51706512
- FA51706518
- FA51706530
- FA51706533
- FA51706556

**3000K**

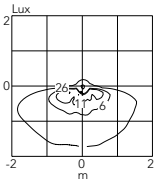
- ○ FA51706301
- FA51706306
- FA51706312
- FA51706318
- FA51706330
- FA51706333
- FA51706356

**4000K**

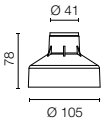
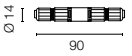
- ○ FA51706201
- FA51706206
- FA51706212
- FA51706218
- FA51706230
- FA51706233
- FA51706256



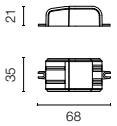
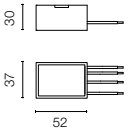
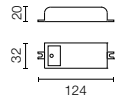
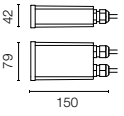
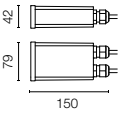
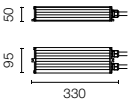
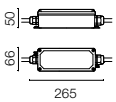

@ 4000K



## Gobi 49: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Einbaugehäuse.<br>ø105 H 78mm | Box for installation<br>ø105 H 78mm. | F004Z0J0000 | |  |
| Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel).<br>Kann nicht in das Einbaugehäuse für die Installation platziert werden. | 2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable).<br><br>It can't be placed in the recessed box for installation. | F990C050000 | |  |

## Gobi 49: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq. | Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq. | *RF25754 | |  |
| Netzgerät 24V 8W / 110-240V IP65 Klasse II selv. | Power supply 24V 8W / 110-240V IP65 Class II selv. | *RF25748 | |  |
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | *RF25747 | |  |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 | |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | *RF25752 | |  |
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |  |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |  |

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | |
|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. |

| | | | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF25752 | 5 |
| Acc. RF25748 | 1 | Acc. RF25755 | 14 |
| Acc. RF25747 | 4 | Acc. RF25749 | 29 |
| Acc. RF25757 | 4 | | |

## C-Me

C-Me

**Familie / Family**

C-Me Round 40

**Power Led**
up to 2,3W
up to 111 lm - 2700K/CRI 80
up to 121 lm - 3000K/CRI 80
up to 125 lm - 4000K/CRI 80
* Net lumen output

C-Me Round 70

**Power Led**
up to 5,9W
up to 359 lm - 2700K/CRI 80
up to 389 lm - 3000K/CRI 80
up to 404 lm - 4000K/CRI 80
* Net lumen output

**RGB - Power Led**
up to 3,4W
3CH x 350mA

C-Me Square 40

**Power Led**
up to 2,3W
up to 111 lm - 2700K/CRI 80
up to 121 lm - 3000K/CRI 80
up to 125 lm - 4000K/CRI 80
* Net lumen output

C-Me Square 70 / RGB

**Power Led**
up to 5,9W
up to 359 lm - 2700K/CRI 80
up to 389 lm - 3000K/CRI 80
up to 404 lm - 4000K/CRI 80
* Net lumen output

**RGB - Power Led**
up to 3,4W
3CH x 350mA

C-Me Opal Round 40



**Mid - Power Led**
up to 0,5W
up to 22 lm - 2700K/CRI 80
up to 23 lm - 3000K/CRI 80
up to 23 lm - 4000K/CRI 80
* Net lumen output

C-Me Opal Round 70 / RGB

**Mid - Power Led**
up to 1,5W
up to 80 lm - 2700K/CRI 80
up to 82 lm - 3000K/CRI 80
up to 83 lm - 4000K/CRI 80
* Net lumen output

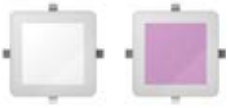
**RGB - Power Led**
up to 3,4W
3CH x 350mA

C-Me Opal Square 40



**Mid - Power Led**
up to 0,5W
up to 22 lm - 2700K/CRI 80
up to 23 lm - 3000K/CRI 80
up to 23 lm - 4000K/CRI 80
* Net lumen output

C-Me Opal Square 70 / RGB



**Mid - Power Led**
up to 1,5W
up to 80 lm - 2700K/CRI 80
up to 82 lm - 3000K/CRI 80
up to 83 lm - 4000K/CRI 80
* Net lumen output

**RGB - Power Led**
up to 3,4W
3CH x 350mA

C-Me Square 100

**Power Led**
up to 7,5W
up to 575 lm - 2700K/CRI 80
up to 616 lm - 3000K/CRI 80
up to 636 lm - 4000K/CRI 80
* Net lumen output

C-Me Rectangle

**Power Led**
up to 15W
up to 1150 lm - 2700K/CRI 80
up to 1232 lm - 3000K/CRI 80
up to 1711 lm - 4000K/CRI 80
* Net lumen output

C-Me Line

**Power Led**
up to 11,8W
up to 862 lm - 2700K/CRI 80
up to 924 lm - 3000K/CRI 80
up to 955 lm - 4000K/CRI 80
* Net lumen output

C-Me Opal Square 100 / RGB

**Mid - Power Led**
up to 6,8W
up to 396 lm - 2700K/CRI 80
up to 426 lm - 3000K/CRI 80
up to 447 lm - 4000K/CRI 80
* Net lumen output

**RGB Low - Power Led**
up to 6W
3CH x 24Vdc

C-Me Opal Rectangle / RGB

**Mid - Power Led**
up to 15,8W
up to 939 lm- 2700K/CRI 80
up to 426 lm - 3000K/CRI 80
up to 1010 lm - 4000K/CRI 80
* Net lumen output

**RGB Low - Power Led**
up to 10,5W
3CH x 24Vdc

C-Me Opal Line / RGB

**Mid - Power Led**
up to 10,5W
up to 538 lm - 2700K/CRI 80
up to 578 lm - 3000K/CRI 80
up to 607 lm - 4000K/CRI 80
* Net lumen output

**RGB Low - Power Led**
up to 8W
3CH x 24Vdc

## Beschreibung / Description

Komplette Leuchtenfamilie mit LED-Quelle, im Boden eingebaut und begehbar, oder in der Wand eingebaut. Die Leuchten zeichnen sich durch eine Bodenmontage ohne sichtbare Schrauben aus. Erhältlich in eckig oder rund, in verschiedenen Dimensionen und Abstrahlwinkeln. Ergänzt durch die RGB-Version, um farbige Lichtszenarien zu kreieren. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Um Wasseransammlung zu vermeiden, muss der untere Teil der Dose mit einer Schicht aus abfließendem Material oder einem anderen Abflusssystem isoliert werden. Um den Erhalt der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

**C-Me**
Begehbare Boden- oder Wandeinbauleuchte. Erhältlich in zwei Versionen (eckig oder rund) und zwei verschiedenen Dimensionen. Zwei Abstrahlwinkel: präzis und mittel. Gehäuse und Kühlkörper bestehen aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil). Transparenter Glas-Diffusor mit Siebdruckkante, mit einem Roboterklebesystem befestigt.

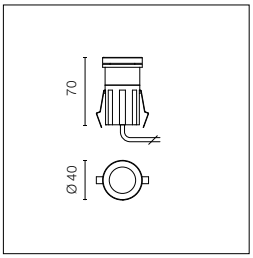
**C-Me Opal**
Begehbare Boden- oder Wandeinbauleuchte. Erhältlich in zwei Versionen (eckig oder rund) und zwei verschiedenen Dimensionen. Abstrahlwinkel für einen diffusen Lichtstrahl. Gehäuse und Kühlkörper bestehen aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil). Transparenter Glas-Diffusor mit weißer Siebdruckkante. Materialeinsätze für die Diffusion unter dem Glas. Das Glas wird durch ein Roboterklebesystem befestigt. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

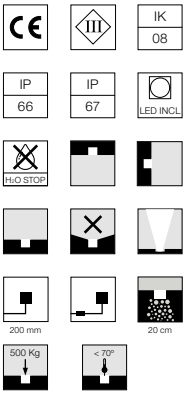
Family of ground recessed and walk-over, or wall recessed, luminaries with LED light source. The luminaires are characterized by an installation flush with the floor, with no visible screws. Available in square and round versions, of different dimensions and with different beam angles. Available in RGB version to create set designs using colored lights. The installation requires a recessed box to be ordered separately. To avoid water stagnation, it is necessary to insulate the lower part of the box with a layer of drainage material or other drainage system. In order to guarantee the preservation of the cable guide, it is recommended to use flexible electric cables specifically designed for outdoor use.

**C-Me**
Ground recessed and walk-over or wall recessed luminaire. Available in two formats (square and round) and two different dimensions for each format. Two beam angles: spot and medium. The structure and sink of the luminaire are made of EN AB-47100 die-cast aluminum (with low copper content). Transparent glass diffuser with black silkscreen border, fixed through a robotic gluing system.

**C-Me Opal**
Ground recessed and walk-over or wall recessed luminaire. Available in two versions (square and round) and two different dimensions for each version. Beam angle for a diffused light. The structure and sink of the luminaire are made of EN AB-47100 die-cast aluminum (with low copper content). Transparent glass diffuser with white silkscreen border. Material inserts for diffusion under the glass. The glass is fixed through a robotic gluing system. The 24V dc luminaire is powered by a remote power supply to be ordered separately.

## C-Me Round 40



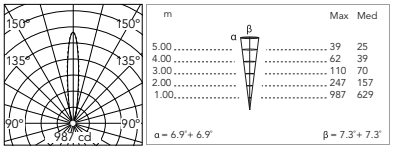

Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass. Adjustable light intensity version available upon request.

**Optic Spot 10°**

**Power Led:** 2,3W - 144 lm ≠ OUTPUT 111 lm - 2700K/CRI 80 -24Vdc / 2,3W - 155 lm ≠ OUTPUT 121 lm - 3000K/CRI 80 -24Vdc / 2,3W - 161 lm ≠ OUTPUT 125 lm - 4000K/CRI 80 -24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| FA10018112 | FA10017612 | FA10017712 |

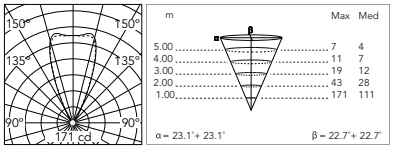



@ 3000K

**Optic Medium 45°**

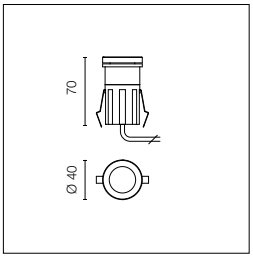
**Power Led:** 2,3W - 144 lm ≠ OUTPUT 102 lm - 2700K/CRI 80 -24Vdc / 2,3W - 155 lm ≠ OUTPUT 110 lm - 3000K/CRI 80 -24Vdc / 2,3W - 161 lm ≠ OUTPUT 114 lm - 4000K/CRI 80 -24Vdc

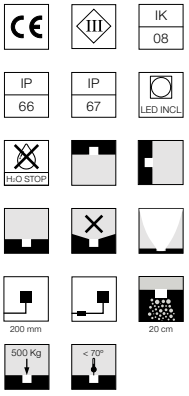
| 2700K | 3000K | 4000K |
|---|---|---|
| FA10018140 | FA10017640 | FA10017740 |




@ 3000K

## C-Me Opal Round 40



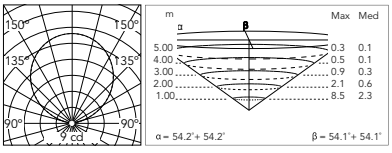

Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor.
Dimmbar.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Glass with opal diffuser. Adjustable light intensity.

**Diffused Light**

**Mid-Power Led:** 0,3W - 42 lm ≠ OUTPUT 22 lm - 2700K/CRI 80 -24Vdc / 0,3W - 44 lm ≠ OUTPUT 23 lm - 3000K/CRI 80 -24Vdc / 0,3W - 45 lm ≠ OUTPUT 23 lm - 4000K/CRI 80 -24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| FA100181118 | FA100176118 | FA100177118 |



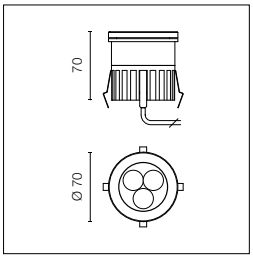

@ 3000K

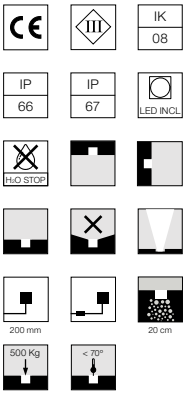
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | | | |
|---|---|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF25752 | 5 | Acc. F990B21A000 | 30 |
| Acc. RF25748 | 1 | Acc. RF25755 | 14 | Acc. RF26387.A | 30 |
| Acc. RF25747 | 4 | Acc. RF25749 | 29 | | |
| Acc. RF25757 | 4 | Acc. RF25750 | 30 | | |



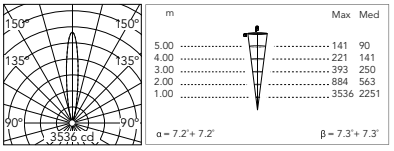

Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.Dimmbare Version auf Anfrage erhältlich..

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass. Adjustable light intensity version available upon request.

**Optic Spot 10°**

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 359 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 389 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 404 lm - 4000K/CRI 80 - 24Vdc

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA10018212 | FA10017912 | FA10018012 |

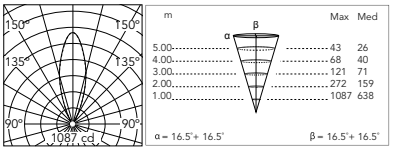



@ 3000K

**Optic Medium 30°**

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 364 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 395 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 410 lm - 4000K/CRI 80 - 24Vdc

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA10018230 | FA10017930 | FA10018030 |

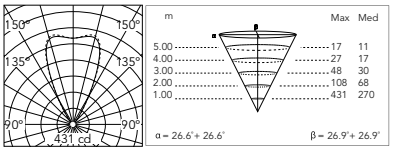



@ 3000K

**Optic Flood 50°**

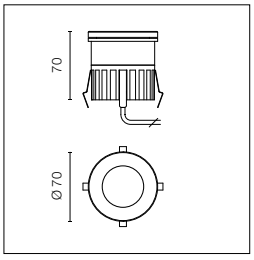
**Power Led:** 5,9W - 431 lm ≠ OUTPUT 329 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 357 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 371 lm - 4000K/CRI 80 - 24Vdc

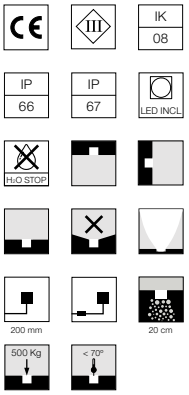
| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA10018240 | FA10017940 | FA10018040 |




@ 3000K

## C-Me Opal Round 70




Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor.
Dimmbar.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Glass with opal diffuser. Adjustable light intensity.

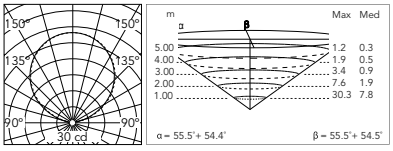
**Diffused Light**

**Mid-Power Led:** 0,8W - 127 lm ≠ OUTPUT 80 lm - 2700K/CRI 80 - 24Vdc / 0,8W - 131 lm ≠ OUTPUT 82 lm - 3000K/CRI 80 - 24Vdc / 0,8W - 136 lm ≠ OUTPUT 83 lm - 4000K/CRI 80 - 24Vdc

**2700K**
FA100182122

**3000K**
FA100179122

**4000K**
FA100180122




@ 3000K

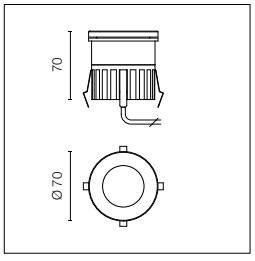
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

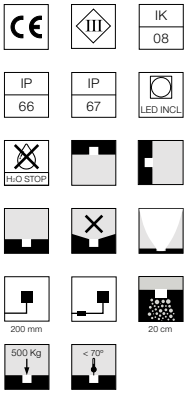
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | |
|---|---|
| Acc. RF25747 | 1 |
| Acc. RF25757 | 1 |
| Acc. RF25752 | 2 |
| Acc. RF25755 | 6 |
| Acc. RF25749 | 12 |
| Acc. RF25750 | 10 |
| Acc. F990B21A000 | 10 |
| Acc. RF26387.A | 10 |

## C-Me Round 70 RGB




Inklusive LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

**Kabeldiagramm und RGB-System-Installation.**

Maximal 10 C-Me Round 70 LED RGB-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr. 5, Seite 782.

LED source included. Remote electric power supply with DMX 3chx350mA interface, to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Extra clear transparent glass.

**Wiring diagram and installation scheme RGB.**

Max 10 luminaires C-Me Round 70 LED RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 782.

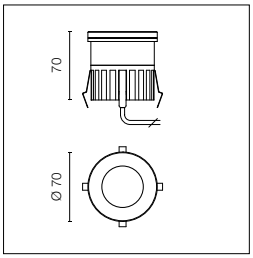
**RGB Power Led:** 3,4W - 3CH x 350mA

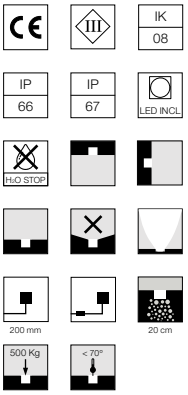
**Optic Spot 10°**
FA10017412

**Optic Medium 35°**
FA10017440

Photometric data on request.

## C-Me Opal Round 70 RGB




Inklusive LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor.

**Kabeldiagramm und RGB-System-Installation.**

Maximal 10 C-Me Opal Round 70-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr. 5, Seite 782.

LED source included. Remote electric power supply with DMX 3chx350mA interface, to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Glass with opal diffuser.

**Wiring diagram and installation scheme RGB.**

Max 10 luminaires C-Me Opal Round 70 LED RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 782.

**Diffused Light**

**RGB Power Led:** 3,4W - 3CH x 350mA

**RGB**

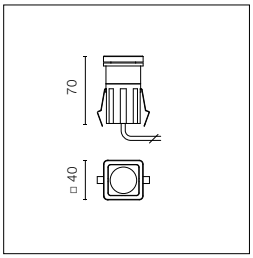
FA100174122

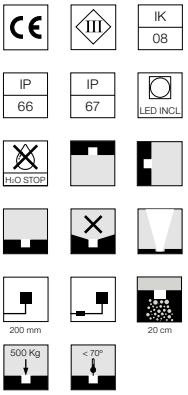
Photometric data on request.

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | | | | | |
|---|---|---|---|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | Acc. F990B22A000 | **10 | **Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8. | **The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards. |

## C-Me Square 40




Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.Dimmbare Version auf Anfrage erhältlich.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. . Extra clear transparent glass. Adjustable light intensity version available upon request.

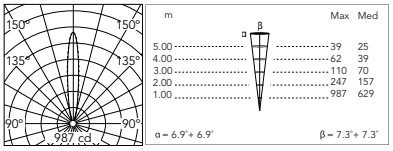
**Optic Spot 10°**

**Power Led:** 2,3W - 144 lm ≠ OUTPUT 111 lm - 2700K/CRI 80 -24Vdc / 2,3W - 155 lm ≠ OUTPUT 121 lm - 3000K/CRI 80 -24Vdc / 2,3W - 161 lm ≠ OUTPUT 125 lm - 4000K/CRI 80 -24Vdc

**2700K**
FA100181133

**3000K**
FA100176133

**4000K**
FA100177133




**Optic Medium 45°**

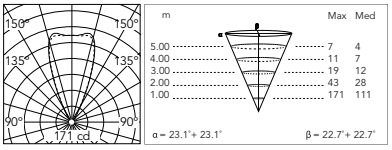
@ 3000K

**Power Led:** 2,3W - 144 lm ≠ OUTPUT 102 lm - 2700K/CRI 80 -24Vdc / 2,3W - 155 lm ≠ OUTPUT 110 lm - 3000K/CRI 80 -24Vdc / 2,3W - 161 lm ≠ OUTPUT 114 lm - 4000K/CRI 80 -24Vdc

**2700K**
FA10018141

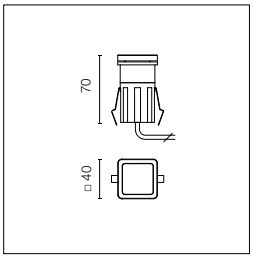
**3000K**
FA10017641

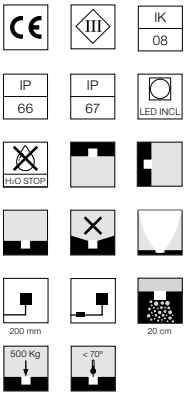
**4000K**
FA10017741




@ 3000K

## C-Me Opal Square 40




Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor.
Dimmbar.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. . Glass with opal diffuser. Adjustable light intensity.

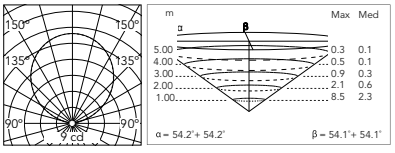
**Diffused Light**

**Mid-Power Led:** 0,3W - 42 lm ≠ OUTPUT 22 lm - 2700K/CRI 80 -24Vdc / 0,3W - 44 lm ≠ OUTPUT 23 lm - 3000K/CRI 80 -24Vdc / 0,3W - 45 lm ≠ OUTPUT 23 lm - 4000K/CRI 80 -24Vdc

**2700K**
FA100181124

**3000K**
FA100176124

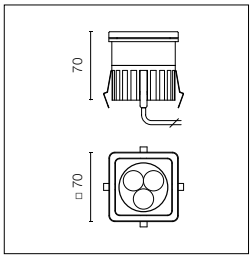
**4000K**
FA100177124

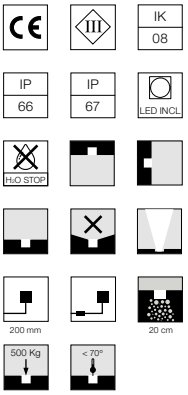



@ 3000K

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | | | | | |
|---|---|---|---|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | Acc. RF25754 | 1 | Acc. RF25752 | 5 |
| | | Acc. RF25748 | 1 | Acc. RF25755 | 14 |
| | | Acc. RF25747 | 4 | Acc. RF25749 | 29 |
| | | Acc. RF25757 | 4 | Acc. RF25750 | 30 |
| | | | | Acc. F990B21A000 | 30 |
| | | | | Acc. RF26387.A | 30 |



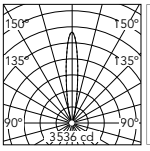

Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

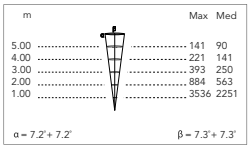
LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass. Adjustable light intensity version available upon request.

**Optic Spot 10°**

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 359 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 389 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 404 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| FA100182132 | FA100179132 | FA100180132 |



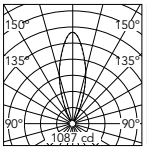



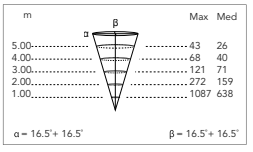

@ 3000K

**Optic Medium 30°**

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 364 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 395 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 410 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| FA100182130 | FA100179130 | FA100180130 |



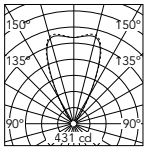



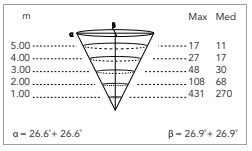

@ 3000K

**Optic Flood 50°**

**Power Led:** 5,9W - 431 lm ≠ OUTPUT 329 lm - 2700K/CRI 80 - 24Vdc / 5,9W - 466 lm ≠ OUTPUT 357 lm - 3000K/CRI 80 - 24Vdc / 5,9W - 484 lm ≠ OUTPUT 371 lm - 4000K/CRI 80 - 24Vdc

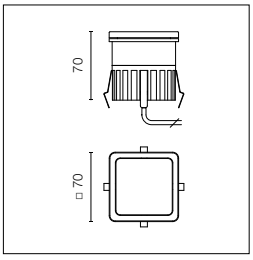
| 2700K | 3000K | 4000K |
|---|---|---|
| FA10018241 | FA10017941 | FA10018041 |

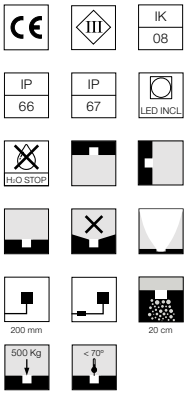



@ 3000K

## C-Me Opal Square 70




Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel mit einem integriertem H2O STOP Anschlusssystem und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor.
Dimmbar.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable with an integrated H2O STOP connection system and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Glass with opal diffuser. Adjustable light intensity.

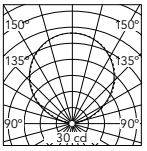
**Diffused Light**

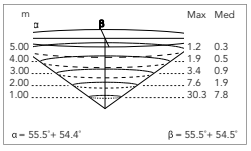
**Mid-Power Led:** 0,8W - 127 lm ≠ OUTPUT 80 lm - 2700K/CRI 80 - 24Vdc / 0,8W - 131 lm ≠ OUTPUT 82 lm - 3000K/CRI 80 - 24Vdc / 0,8W - 136 lm ≠ OUTPUT 83 lm - 4000K/CRI 80 - 24Vdc

**2700K**
FA100182125

**3000K**
FA100179125

**4000K**
FA100180125



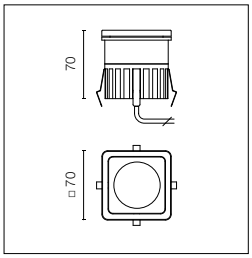

@ 3000K

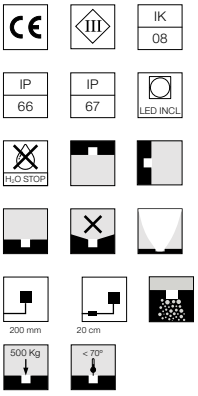
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | |
|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. |

| | | | | | |
|---|---|---|---|---|---|
| Acc. RF25747 | 1 | Acc. RF25755 | 6 | Acc. F990B21A000 | 10 |
| Acc. RF25757 | 1 | Acc. RF25749 | 12 | Acc. RF26387.A | 10 |
| Acc. RF25752 | 2 | Acc. RF25750 | 10 | | |

## C-Me Square 70 RGB




Inklusive LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

**Kabeldiagramm und RGB-System-Installation.**

Maximal 10 C-Me Square 70 LED RGB-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr. 5, Seite 782.

LED source included. Remote electric power supply with DMX 3chx350mA interface, to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Extra clear transparent glass.

**Wiring diagram and installation scheme RGB.**

Max 10 luminaires C-Me Square 70 LED RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 782.

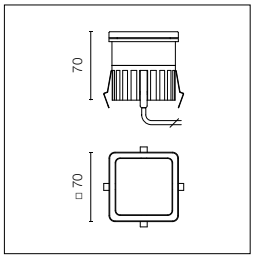
**RGB Power Led:** 3,4W - 3CH x 350mA

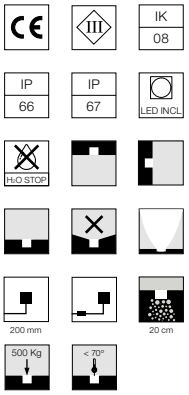
**Optic Spot 10°**
FA100174132

**Optic Medium 35°**
FA10017441

Photometric data on request.

## C-Me Opal Square 70 RGB




Inklusive LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor.

**Kabeldiagramm und RGB-System-Installation.**

Maximal 10 C-Me Opal Square 70 LED RGB-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr.5 Seite 782.

LED source included. Remote electric power supply with DMX 3chx350mA interface, to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 200 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Glass with opal diffuser.

**Wiring diagram and installation scheme RGB.**

Max 10 luminaires C-Me Opal Square 70 LED RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 782.

**Diffused Light**

**RGB Power Led:** 3,4W - 3CH x 350mA

**RGB**

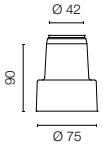
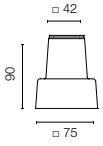
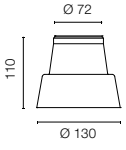
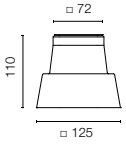
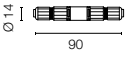
FA100174125

Photometric data on request.

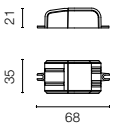
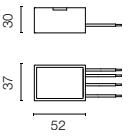
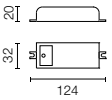
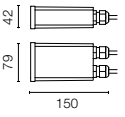
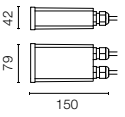
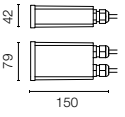
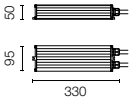
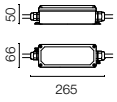
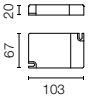
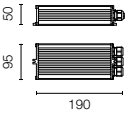
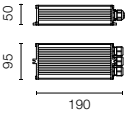
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | | | | | |
|---|---|---|---|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | Acc. F990B22A000 | **10 | **Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8. | **The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards. |

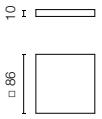
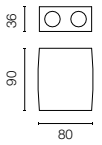
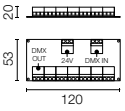
## C-Me: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Einbaugehäuse. | Box for installation. | C-Me Ø40<br>FA98 | |  |
| Einbaugehäuse. | Box for installation. | C-Me 40x40<br>FA99 | |  |
| Einbaugehäuse. | Box for installation. | C-Me Ø70<br>FA101 | |  |
| Einbaugehäuse. | Box for installation. | C-Me 70x70<br>FA102 | |  |
| Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel).<br>Kann nicht in das Einbaugehäuse für die Installation platziert werden. | 2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable).<br><br>It can't be placed in the recessed box for installation. | F990C050000 | |  |

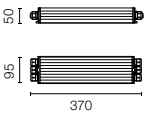
## C-Me: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq. | Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq. | C-Me 40mm<br>*RF25754 | |  |
| Netzgerät 24V 8W / 110-240V IP65 Klasse II selv. | Power supply 24V 8W / 110-240V IP65 Class II selv. | C-Me 40mm<br>*RF25748 | |  |
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | *RF25747 | |  |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 | |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | *RF25752 | |  |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | F990B23AZ00 | |  |
| Netzgerät 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |  |
| Netzgerät 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |  |
| Netzgerät für den Ferneinbau 24Vdc 17W /N110-240V (15W@110V) IP20 Klasse II selv. | Power supply for remote installation 24Vdc 17W / 110-240V (15W@110V) IP20 Class II selv. | Diffused Light<br>*RF25750<br>Dimmable Push-Dim Or 1-10V<br>See Wiring Diagram n.4. Page 780 | |  |
| Netzgerät 17W/110÷240V - 24Vdc (15W@110V) IP67 Klasse II selv. | Power supply 17W/110÷240V - 24Vdc (15W@110V) IP67 Class II Selv. | Diffused Light<br>*F990B21A000<br>Dimmable Push-Dim Or 1-10V<br>See Wiring Diagram n.4. Page 780 | |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv. | Diffused Light<br>*RF26387.A<br>Dimmable DALI<br>See Wiring Diagram n.4. Page 780 | |  |

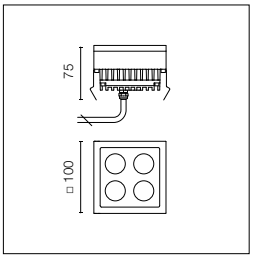
## C-Me RGB: Zubehörteile / Accessories

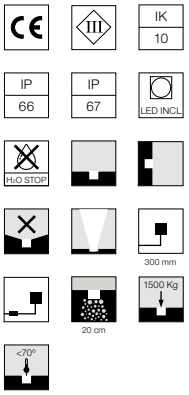
| | | | | |
|---|---|---|---|---|
| DMX-Controller; Dimmer-Schalter für Einbaudose. (60 mm Lochmitte). | DMX controller; dimmer switch for recessed box (60mm hole centres). | F990B10A000 | |   |
| DMX Controller; Stand-Alone/PC-Schnittstelle. | DMX controller; stand-alone/pc interface. | F990B11A000 | |   |
| DMX-Verteiler 512 - elektronisches Gerät zur Regenerierung des monodirektionalen DMX-Signal. 1 Eingang und 7 Ausgänge, 12-24 V Gleichstrom. Stromversorgung nicht enthalten. | DMX splitter 512 - electronic device to regenerate the monodirectional DMX signal 1 Input and 7 output, 12-24Vdc. Power supply not included. | F990B13A000 | |   |
| Geschirmtes DMX-Kabel mit konstantem Widerstand (110 Ohm). | DMX cable - shielded twisted pair with 110 Ohm constant impedance. | F990B12A000 | | |

## C-Me RGB: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Stromversorgung mit Dmx-schnittstelle für RGB-Leuchten 36w/220÷240V-3ch x 350ma (3ch x 10 x1w) Dmx-Kontrolle erlaubt ip67 Klasse i Selv Eq. | Power supply with DMX interface for RGB fixtures 36W/220÷240v-3CH x 350mA (3CH x 10 x 1W) DMX control allowed IP67 Class I Selv Eq. | *F990B22A000 | |   |

## C-Me Square 100



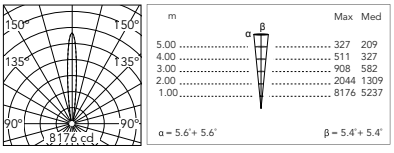

Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 300 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 300 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

**Optic Spot 10°**

**Power Led:** 7,5W - 773 lm ≠ OUTPUT 575 lm - 2700K/CRI 80 - 24Vdc / 7,5W - 828 lm ≠ OUTPUT 616 lm - 3000K/CRI 80 - 24Vdc / 7,5W - 856 lm ≠ OUTPUT 636 lm - 4000K/CRI 80 -24Vdc

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA524015 | FA524013 | FA524012 |

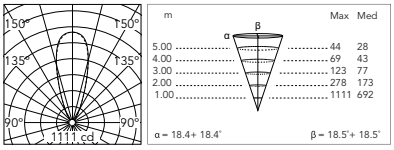



@ 3000K

**Optic Medium 40°**

**Power Led:** 7,5W - 773 lm ≠ OUTPUT 529 lm - 2700K/CRI 80 - 24Vdc / 7,5W - 828 lm ≠ OUTPUT 567 lm - 3000K/CRI 80 - 24Vdc / 7,5W - 856 lm ≠ OUTPUT 586 lm - 4000K/CRI 80 -24Vdc

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA524025 | FA524023 | FA524022 |

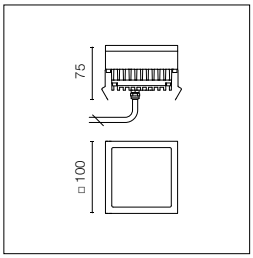


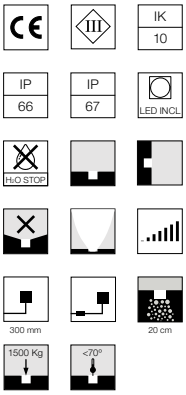

@ 3000K

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | | | |
|---|---|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | Acc. RF25747 | 1 |
| | | Acc. RF25757 | 1 |
| | | Acc. RF25755 | 5 |
| | | Acc. RF25749 | 8 |

## C-Me Opal Square 100



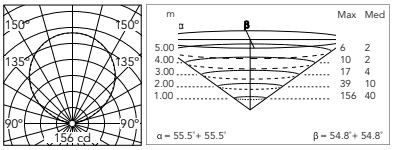

Inklusive LED-Quelle.
Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden.
Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 300 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor.
Dimmbar.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 300 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Glass with opal diffuser.
Adjustable light intensity.

**Diffused Light**

**Mid-Power Led:** 6,8W - 720 lm ≠ OUTPUT 396 lm - 2700K/CRI 80 - 24Vdc / 6,8W - 774 lm ≠ OUTPUT 426 lm - 3000K/CRI 80 - 24Vdc / 6,8W - 813 lm ≠ OUTPUT 447 lm - 4000K/CRI 80 -24Vdc

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA524005 | FA524003 | FA524002 |



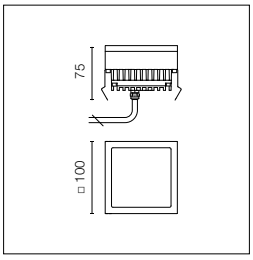

@ 3000K

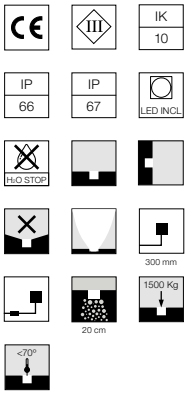
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. |
|---|---|

| | | | |
|---|---|---|---|
| Acc. RF25747 | 1 | Acc. RF25752 | 2 |
| Acc. RF25757 | 1 | Acc. RF25755 | 6 |
| Acc. RF25750 | 2 | Acc. RF25749 | 9 |
| Acc. F990B21A000 | 2 | Acc. RF25756 | 13 |
| Acc. RF26387.A | 1 | | |

## C-Me Opal Square 100 RGB




Inklusive LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden.
Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 300 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor.

**Kabeldiagramm und RGB-System-Installation.**

Maximal 8 C-Me Square 100 LED RGB Leuchten für jeden FA148 Code.

Siehe Kabeldiagramm Nr. 6, Seite 782.

LED RGB light source included. Remote electric power supply with DMX 3chx24Vdc interface, to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 300 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Glass with opal diffuser.

**Wiring diagram and installation scheme RGB.**

Max 8 luminaires C-Me Square 100 LED RGB for each code FA148.

See Wiring Diagram n.6 Page 782.

**Diffused Light**

**RGB Power Led:** 6W - 3CH x 24Vdc

**RGB**

FA524004

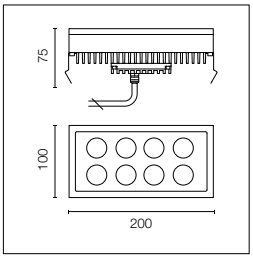
Photometric data on request.

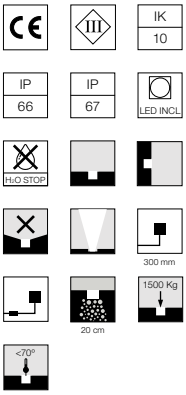
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. |
|---|---|

| | | | |
|---|---|---|---|
| Acc. FA148 | 8 | | |

## C-Me Rectangle



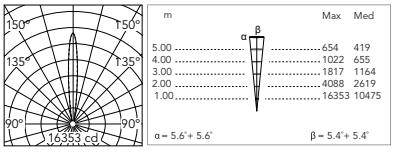

Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 300 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 300 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

### Optic Spot 10°

**Power Led:** 15W - 1546 lm ≠ OUTPUT 1150 lm - 2700K/CRI 80 - 24Vdc / 15W - 1656 lm ≠ OUTPUT 1232 lm - 3000K/CRI 80 - 24Vdc / 15W - 1711 lm ≠ OUTPUT 1273 lm - 4000K/CRI 80 -24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| FA524515 | FA524513 | FA524512 |

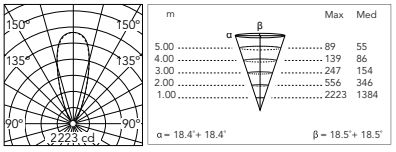



@ 3000K

### Optic Medium 40°

**Power Led:** 15W - 1546 lm ≠ OUTPUT 1059 lm - 2700K/CRI 80 - 24Vdc / 15W - 1656 lm ≠ OUTPUT 1134 lm - 3000K/CRI 80 - 24Vdc / 15W - 1711 lm ≠ OUTPUT 1172 lm - 4000K/CRI 80 -24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| FA524525 | FA524523 | FA524522 |




@ 3000K

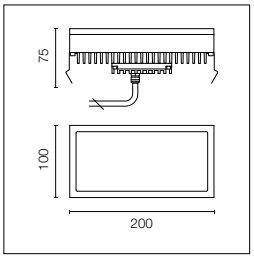
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

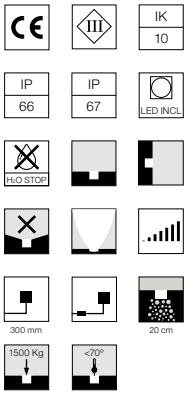
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | |
|---|---|
| Acc. RF25752 | 1 |
| Acc. RF25755 | 2 |
| Acc. RF25749 | 4 |

## C-Me Opal Rectangle



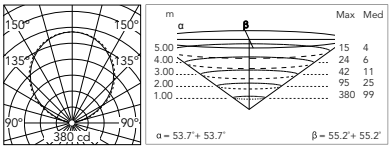

Inklusive LED-Quelle.
Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden.
Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 300 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor.
Dimmbar.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 300 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Glass with opal diffuser.
Adjustable light intensity.

**Diffused Light**

**Mid-Power Led:** 15,8W - 1620 lm ≠ OUTPUT 939 lm - 2700K/CRI 80 - 24Vdc / 15,8W - 1734 lm ≠ OUTPUT 1009 lm - 3000K/CRI 80 - 24Vdc / 15,8W - 1742 lm ≠ OUTPUT 1060 lm - 4000K/CRI 80 -24Vdc

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA524505 | FA524503 | FA524502 |




@ 3000K

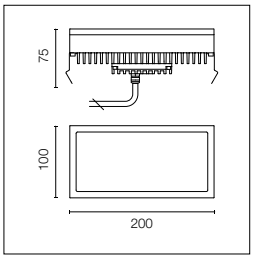
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

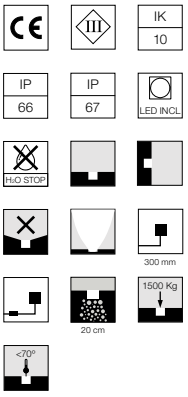
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. |
|---|---|

| | |
|---|---|
| Acc. RF25750 | 1 |
| Acc. F990B21A000 | 1 |
| Acc. RF26387.A | 1 |
| Acc. RF25752 | 1 |

| | |
|---|---|
| Acc. RF25755 | 3 |
| Acc. RF25749 | 4 |
| Acc. RF25756 | 6 |

## C-Me Opal Rectangle RGB




Inklusive LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden.
Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 300 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor.

**Kabeldiagramm und RGB-System-Installation.**

Maximal 4 C-Me Rectangle LED RGB Leuchten für jeden FA148 Code.

Siehe Kabeldiagramm Nr. 6, Seite 782.

LED RGB light source included. Remote electric power supply with DMX 3chx24Vdc interface, to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 300 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Glass with opal diffuser.

**Wiring diagram and installation scheme RGB.**

Max 4 luminaires C-Me Rectangle LED RGB for each code FA148.

See Wiring Diagram n.6 Page 782.

**Diffused Light**

**RGB Power Led:** 10,5W - 3CH x 24Vdc

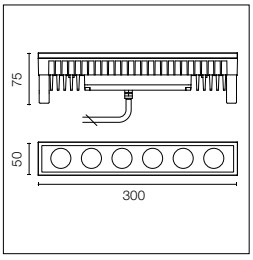
**RGB**
FA524504

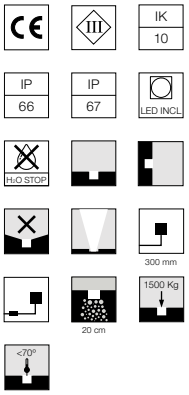
Photometric data on request.

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. |
|---|---|

| | |
|---|---|
| Acc. FA148 | 4 |



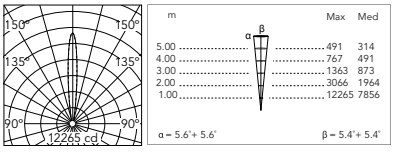

Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 300 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 300 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection. Extra clear transparent glass.

**Optic Spot 10°**

**Power Led:** 11,8W - 1159 lm ≠ OUTPUT 862 lm - 2700K/CRI 80 - 24Vdc / 11,8W - 1242 lm ≠ OUTPUT 924 lm - 3000K/CRI 80 - 24Vdc / 11,8W - 1283 lm ≠ OUTPUT 955 lm - 4000K/CRI 80 - 24Vdc

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA524115 | FA524113 | FA524112 |

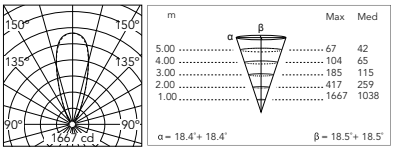



@ 3000K

**Optic Medium 40°**

**Power Led:** 11,8W - 1159 lm ≠ OUTPUT 794 lm - 2700K/CRI 80 - 24Vdc / 11,8W - 1242 lm ≠ OUTPUT 851 lm - 3000K/CRI 80 - 24Vdc / 11,8W - 1283 lm ≠ OUTPUT 879 lm - 4000K/CRI 80 - 24Vdc

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA524125 | FA524123 | FA524122 |




@ 3000K

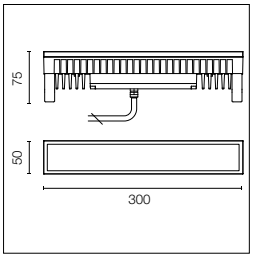
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

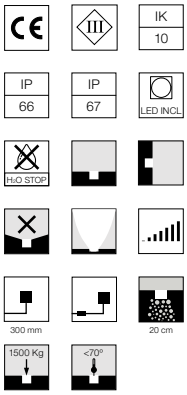
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | |
|---|---|
| Acc. RF25752 | 1 |
| Acc. RF25755 | 3 |
| Acc. RF25749 | 6 |

## C-Me Opal Line



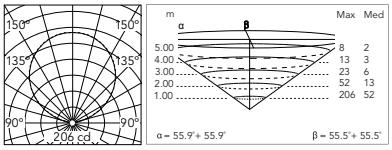

Inklusive LED-Quelle.
Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden.
Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 300 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor.
Dimmbar.

LED source included. 24V dc remote electric power supply to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 300 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Glass with opal diffuser.
Adjustable light intensity.

**Diffused Light**

**Mid-Power Led:** 10,5W - 1080 lm ≠ OUTPUT 538 lm - 2700K/CRI 80 - 24Vdc / 10,5W - 1161 lm ≠ OUTPUT 578 lm - 3000K/CRI 80 - 24Vdc / 10,5W - 1219 lm ≠ OUTPUT 607 lm - 4000K/CRI 80 -24Vdc

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA524105 | FA524103 | FA524102 |




@ 3000K

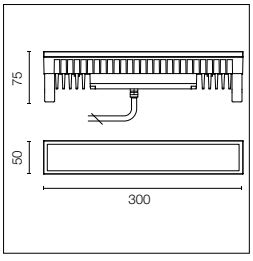
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

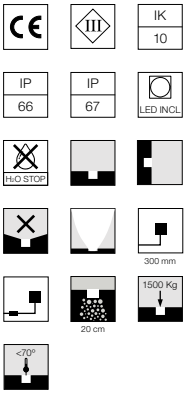
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25750 | 1 | Acc. RF25755 | 4 |
| Acc. F990B21A000 | 1 | Acc. RF25749 | 6 |
| Acc. RF26387.A | 1 | Acc. RF25756 | 9 |
| Acc. RF25752 | 1 | | |

## C-Me Opal Line RGB




Inklusive LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden.
Die Montage benötigt eine Einbaudose, die separat bestellt werden muss. Die Leuchte ist ausgestattet mit einem 300 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Glas mit opalem Diffusor.

**Kabeldiagramm und RGB-System-Installation.**

Maximal 5 -Me Line RGB Leuchten für jeden FA148 Code.

Siehe Kabeldiagramm Nr. 6, Seite 782.

LED RGB light source included. Remote electric power supply with DMX 3chx24Vdc interface, to be ordered separately. Requires a junction box to be ordered separately. The luminaire is equipped with a protruding, neoprene, 300 mm cable and a wiring kit with crimp connectors and adhesive heat-shrink tubing guaranteeing the water tightness of the connection.
Glass with opal diffuser.

**Wiring diagram and installation scheme RGB.**

Max 5 luminaires C-Me Line RGB for each code FA148.

See Wiring Diagram n.6 Page 782.

**Diffused Light**

**RGB Power Led:** 8W - 3CH x 24Vdc

**RGB**

FA524104

Photometric data on request.

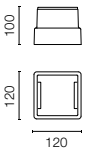
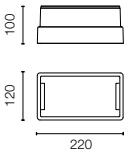
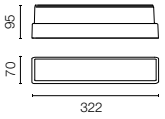
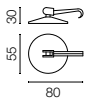
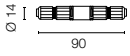
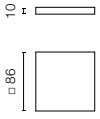
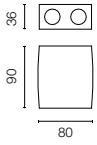
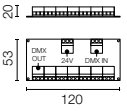
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

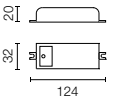
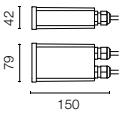
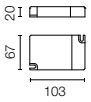
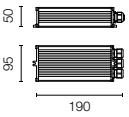
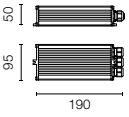
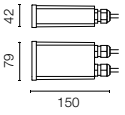
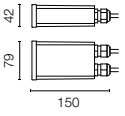
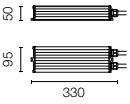
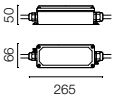
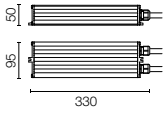
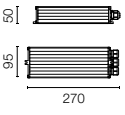
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | |
|---|---|
| Acc. FA148 | 5 |

## C-Me Square 100 / Rectangle / Line: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Einbaugehäuse. | Box for installation. | C-Me Square 100<br>FA151 | |  |
| Einbaugehäuse. | Box for installation. | C-Me Rectangle<br>FA152 | |  |
| Einbaugehäuse. | Box for installation. | C-Me Line<br>FA183 | |  |
| Saugnapf zum Ziehen der Leuchte. | Suction cup to pull the luminaire. | FA153 | |  |
| Verbindungssystem, IP 68, 2-Wege, 2-polig, (Ø4÷6,9mm Kabel).<br>Kann nicht in das Einbaugehäuse für die Installation platziert werden. | 2 way terminal block 2 poles IP68. (Ø4÷6,9mm cable).<br><br>It can't be placed in the recessed box for installation. | F990C050000 | |  |
| DMX-Controller; Dimmer-Schalter für Einbaudose. (60 mm Lochmitte). | DMX controller; dimmer switch for recessed box (60mm hole centres). | C-Me RGB<br>F990B10A000 | |  |
| DMX Controller; Stand-Alone/PC-Schnittstelle. | DMX controller; stand-alone/pc interface. | C-Me RGB<br>F990B11A000 | |  |
| DMX-Verteiler 512 - elektronisches Gerät zur Regenerierung des monodirektionalen DMX-Signal. 1 Eingang und 7 Ausgänge, 12-24 V Gleichstrom. Stromversorgung nicht enthalten. | DMX splitter 512 - electronic device to regenerate the monodirectional DMX signal 1 Input and 7 output, 12-24Vdc. Power supply not included. | C-Me RGB<br>F990B13A000 | |  |
| Geschirmtes DMX-Kabel mit konstantem Widerstand (110 Ohm). | DMX cable - shielded twisted pair with 110 Ohm constant impedance. | C-Me RGB<br>F990B12A000 | | |

## C-Me Square 100 / Rectangle / Line: Treiber / Drivers

| | | | |
|---|---|---|---|
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | *RF25747 |   |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 |   |
| Netzgerät für den Ferneinbau 24Vdc 17W /N110-240V (15W@110V) IP20 Klasse II selv. | Power supply for remote installation 24Vdc 17W / 110-240V (15W@110V) IP20 Class II selv. | C-Me Square 100 Diffused Light *RF25750 Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4. Page 780 |   |
| Netzgerät 17W/110÷240V - 24Vdc (15W@110V) IP67 Klasse II selv. | Power supply 17W/110÷240V - 24Vdc (15W@110V) IP67 Class II Selv. | C-Me Square 100 Diffused Light *F990B21A000 Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4. Page 780 |   |
| Netzgerät für den Ferneinbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv. | C-Me Square 100 Diffused Light *RF26387.A Dimmable DALI See Wiring Diagram n.4. Page 780 |   |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | C-Me Square 100 Diffused Light *RF25752 |   |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | F990B23AZ00 |   |
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 |   |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 |   |
| Netzgerät für den Ferneinbau 24Vdc 96W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 96W / 120-240V IP67 Class II selv. | *RF25756 |   |
| Stromversorgung mit Dmx-schnittstelle für RGB 55W/220÷230V-3CHX24Vdc Leuchten (3CHx18W) DMX-Kontrolle erlaubt IP67 Klasse i Selv Eq. | Power supply with DMX interface for RGB fixtures 55W/220÷230V-3CHx24Vdc (3CHx18W) DMX controller allowed IP67 Class I Selv Eq. | C-Me RGB *FA148 |   |

## Outgraze

Designed by Flos Outdoor

Outgraze

Outgraze 35 L 300

**Power Led**
7W
517 lm - 2700K/CRI 80
536 lm - 3000K/CRI 80
554 lm - 4000K/CRI 80

**Easy Mid - Power Led**
4,5W
190 lm - 2700K/CRI 80
207 lm - 3000K/CRI 80
223 lm - 4000K/CRI 80

**Easy Tunable White**
**Mid - Power Led**
4,5W
95÷120 lm - 2700K÷5700K/CRI 80

Outgraze 35 L 600

**Power Led**
12W
1034 lm - 2700K/CRI 80
1071 lm - 3000K/CRI 80
1108 lm - 4000K/CRI 80

**Esay Mid - Power Led**
9W
381 lm - 2700K/CRI 80
414 lm - 3000K/CRI 80
447 lm - 4000K/CRI 80

**Easy Tunable White**
**Mid - Power Led**
9W
190÷240 lm - 2700K÷5700K/CRI 80

Outgraze 35 L 900

**Power Led**
18W
1551 lm - 2700K/CRI 80
1807 lm - 3000K/CRI 80
1662 lm - 4000K/CRI 80

**Easy Mid - Power Led**
13W
571 lm - 2700K/CRI 80
621 lm - 3000K/CRI 80
670 lm - 4000K/CRI 80

**Easy Tunable White**
**Mid - Power Led**
13W
285÷360 lm - 2700K÷5700K/CRI 80

Outgraze 35 L 1200

**Power Led**
23W
2089 lm - 2700K/CRI 80
2142 lm - 3000K/CRI 80
2216 lm - 4000K/CRI 80

**Easy Mid - Power Led**
17,5W
761 lm - 2700K/CRI 80
827 lm - 3000K/CRI 80
894 lm - 4000K/CRI 80

**Easy Tunable White**
**Mid - Power Led**
17,5W
381÷480 lm - 2700K÷5700K/CRI 80

## Outgraze 50 L 300

**Power Led**
8W
685 lm - 2700K/CRI 80
709 lm - 3000K/CRI 80
734 lm - 4000K/CRI 80

**Easy Mid - Power Led**
8W
310 lm - 2700K/CRI 80
337 lm - 3000K/CRI 80
364 lm - 4000K/CRI 80

**Easy Tunable White Dali**
**Mid - Power Led**
6,5W
220 lm - 2700K/CRI 80

## Outgraze 50 L 600

**Power Led**
14,5W
1369 lm - 2700K/CRI 80
1418 lm - 3000K/CRI 80
1467 lm - 4000K/CRI 80

**Easy Mid - Power Led**
14,5W
620 lm - 2700K/CRI 80
674 lm - 3000K/CRI 80
728 lm - 4000K/CRI 80

**Easy - Dali**
**Mid - Power Led**
14,5W
1106 lm - 2700K/CRI 80
1198 lm - 3000K/CRI 80
1290 lm - 4000K/CRI 80

**Easy Tunable White Dali**
**Mid - Power Led**
11W
440 lm - 2700K/CRI 80

**RGB - Power Led**
26W

**RGBW - Power Led**
24W

**Tunable White - Dali**
**Mid - Power Led**
13W
722 lm - 2700÷5700K/CRI 80

## Outgraze 50 L 900

**Power Led**
20W
2054 lm - 2700K/CRI 80
2127 lm - 3000K/CRI 80
2201 lm - 4000K/CRI 80

**Easy / Easy Dali**
**Mid - Power Led**
20W
930 lm - 2700K/CRI 80
1011 lm - 3000K/CRI 80
1092 lm - 4000K/CRI 80

**Easy Tunable White Dali**
**Mid - Power Led**
16W
660 lm - 2700K/CRI 80

**RGB - Power Led**
37W

**RGBW - Power Led**
33W

**Tunable White - Dali**
**Mid - Power Led**
18,5W
1082 lm - 2700K/CRI 80

## Outgraze 50 L 1200

**Power Led**
27W
2739 lm - 2700K/CRI 80
2836 lm - 3000K/CRI 80
2934 lm - 4000K/CRI 80

**Easy / Easy Dali**
**Mid - Power Led**
27W
1240 lm - 2700K/CRI 80
1348 lm - 3000K/CRI 80
1456 lm - 4000K/CRI 80

**Easy Tunable White Dali**
**Mid - Power Led**
21W
879 lm - 2700K/CRI 80

**RGB - Power Led**
48W

**RGBW - Power Led**
43W

**Tunable White - Dali**
**Mid - Power Led**
23W
1443 lm - 2700K/CRI 80

## Beschreibung / Description

Gerät für den Außenbereich für die Wand- oder Deckenmontage mit LED-Stromquelle.
Zentraler Körper aus extrudiertem Aluminium, Verschlussende aus druckgegossenem Aluminium.
Mit konstantem Abstand zwischen den Linsen umgesetzten Optiken bieten auch bei mehreren in einer kontinuierlichen Linie installierten Leuchten einen homogenen Lichtstrom.
Außenbeschichtung mit hoher Beständigkeit, die mit einer doppelten Pulverbeschichtung entsprechend dem QUALICOAT-Standard angewendet wird. Die erste Epoxid-Pulverschicht bietet eine chemische und mechanische Widerstandsfähigkeit, die zweite Pulverendschicht aus Polyester stellt die Beständigkeit gegenüber UV-Strahlen und Witterungseinflüssen sicher.
Die lackierten Oberflächen werden mit basen- und säurehaltigen Reinigungen behandelt, mit entmineralisiertem Wasser gespült und einer Behandlung zur chemischen Konversion unterzogen, um den Oxydationsschutz zu gewährleisten.
Diffusor aus extra klarem Klarglas oder sandgestrahltem Glas, siebbedruckt und verklebt, um eine wasserdichte Abdichtung zu gewährleisten.
Die Stahlhalterungen sind bei der Installation des Produkts verpflichtend zu verwenden. Sie sind allerdings separat zu bestellen.
Geräte, die mit einem 1.000 mm langen Ausgangskabelteil aus Neopren auf einer Seite bereitgestellt werden.
Auf Anfrage können die Geräte mit einem Anschluss bereitgestellt werden, der für die Mehrfachinstallation mit Linienkontinuität geeignet ist.

Luminaire for outdoor use for installation on the wall or ceiling with LED light source.
Central body in extruded aluminum, end cap in die-cast aluminum.
Optics made with constant pitch between the lenses to offer a homogeneous luminous flux even in case of multiple lamps installed in a continuous line.
High resistance external coating applied with a double layer of epoxy powders in accordance with the QUALICOAT standard. The first layer of epoxy powder gives chemical and mechanical resistance, the second finishing layer of polyester powder ensures resistance to UV rays and atmospheric agents.
The painted surfaces are treated with alkaline and acidic washes, then rinsed with demineralized water, subjected to a chemical conversion treatment to protect against oxidation.
Diffuser in extra clear transparent glass or sandblasted glass, screen-printed and glued to ensure a watertight seal.
The installation of the product requires use of steel brackets, to be ordered separately.
Luminaire provided with a length of approximately 1000 mm of outgoing neoprene cable on one side.
Available versions of luminaires with loop-through connection for multiple installation with continuity of line.

## Ausführungen / Colours

Outgraze



01 White

06 Grey

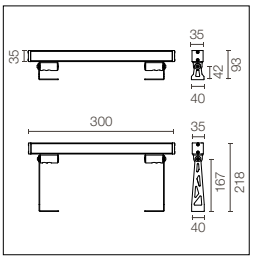
12 Forest Green

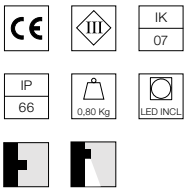
18 Deep Brown

30 Black

33 Anthracite

## Outgraze 35 L 300




Fernspeisung 48 V und Einbauhalterungen separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. Dimmbare PWM-Geräte. SMART-Version auf Anfrage verfügbar (Leistung 4W - Fluss - 50% lm).

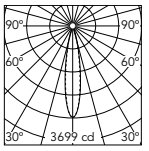
48V remote power supply and installation brackets to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. Dimmable PWM luminaires.
SMART version available upon request (power 4W - flux -50% lm).

**Power Led:**7W - 696 lm ≠ *FIXT 517 lm - 2700K/CRI 80 - 48V / 7W - 720 lm ≠ *FIXT 536 lm - 3000K/CRI 80 - 48V / 7W - 745 lm ≠ *FIXT 554 lm - 4000K/CRI 80 - 48V
*FIXT lm = Medium Optic

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A21H001 | ○ F020A31H001 | ○ F020A41H001 |
| ● F020A21H006 | ● F020A31H006 | ● F020A41H006 |
| ● F020A21H012 | ● F020A31H012 | ● F020A41H012 |
| ● F020A21H018 | ● F020A31H018 | ● F020A41H018 |
| ● F020A21H030 | ● F020A31H030 | ● F020A41H030 |
| ● F020A21H033 | ● F020A31H033 | ● F020A41H033 |

18°
SPOT




@4000K

| Beam Angle: | 18° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 3699 | 0.34 |
| 2 | 925 | 0.68 |
| 3 | 411 | 1.02 |
| 4 | 231 | 1.36 |
| 5 | 148 | 1.70 |

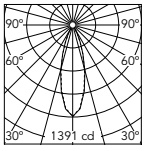
[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B21H001 | ○ F020B31H001 | ○ F020B41H001 |
| ● F020B21H006 | ● F020B31H006 | ● F020B41H006 |
| ● F020B21H012 | ● F020B31H012 | ● F020B41H012 |
| ● F020B21H018 | ● F020B31H018 | ● F020B41H018 |
| ● F020B21H030 | ● F020B31H030 | ● F020B41H030 |
| ● F020B21H033 | ● F020B31H033 | ● F020B41H033 |

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A25H001 | ○ F020A35H001 | ○ F020A45H001 |
| ● F020A25H006 | ● F020A35H006 | ● F020A45H006 |
| ● F020A25H012 | ● F020A35H012 | ● F020A45H012 |
| ● F020A25H018 | ● F020A35H018 | ● F020A45H018 |
| ● F020A25H030 | ● F020A35H030 | ● F020A45H030 |
| ● F020A25H033 | ● F020A35H033 | ● F020A45H033 |

30°
MEDIUM




@4000K

| Beam Angle: | 30° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 1391 | 0.55 |
| 2 | 348 | 1.11 |
| 3 | 155 | 1.66 |
| 4 | 87 | 2.22 |
| 5 | 56 | 2.77 |

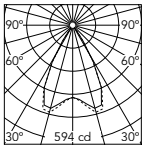
[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B25H001 | ○ F020B35H001 | ○ F020B45H001 |
| ● F020B25H006 | ● F020B35H006 | ● F020B45H006 |
| ● F020B25H012 | ● F020B35H012 | ● F020B45H012 |
| ● F020B25H018 | ● F020B35H018 | ● F020B45H018 |
| ● F020B25H030 | ● F020B35H030 | ● F020B45H030 |
| ● F020B25H033 | ● F020B35H033 | ● F020B45H033 |

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A2AH001 | ○ F020A3AH001 | ○ F020A4AH001 |
| ● F020A2AH006 | ● F020A3AH006 | ● F020A4AH006 |
| ● F020A2AH012 | ● F020A3AH012 | ● F020A4AH012 |
| ● F020A2AH018 | ● F020A3AH018 | ● F020A4AH018 |
| ● F020A2AH030 | ● F020A3AH030 | ● F020A4AH030 |
| ● F020A2AH033 | ● F020A3AH033 | ● F020A4AH033 |

59°
FLOOD




@4000K

| Beam Angle: | 59° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 594 | 1.14 |
| 2 | 148 | 2.28 |
| 3 | 66 | 3.41 |
| 4 | 37 | 4.55 |
| 5 | 24 | 5.69 |

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

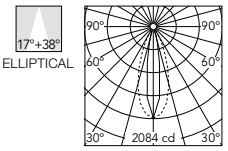
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B2AH001 | ○ F020B3AH001 | ○ F020B4AH001 |
| ● F020B2AH006 | ● F020B3AH006 | ● F020B4AH006 |
| ● F020B2AH012 | ● F020B3AH012 | ● F020B4AH012 |
| ● F020B2AH018 | ● F020B3AH018 | ● F020B4AH018 |
| ● F020B2AH030 | ● F020B3AH030 | ● F020B4AH030 |
| ● F020B2AH033 | ● F020B3AH033 | ● F020B4AH033 |

[1]Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered).

[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A2EH001 | ○ F020A3EH001 | ○ F020A4EH001 |
| ● F020A2EH006 | ● F020A3EH006 | ● F020A4EH006 |
| ● F020A2EH012 | ● F020A3EH012 | ● F020A4EH012 |
| ● F020A2EH018 | ● F020A3EH018 | ● F020A4EH018 |
| ● F020A2EH030 | ● F020A3EH030 | ● F020A4EH030 |
| ● F020A2EH033 | ● F020A3EH033 | ● F020A4EH033 |




@4000K

Beam Angle: 38°

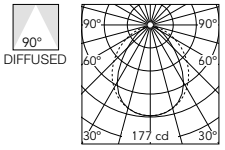
| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 2084 | 0.30 |
| 2 | 521 | 0.60 |
| 3 | 232 | 0.90 |
| 4 | 130 | 1.20 |
| 5 | 83 | 1.50 |

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B2EH001 | ○ F020B3EH001 | ○ F020B4EH001 |
| ● F020B2EH006 | ● F020B3EH006 | ● F020B4EH006 |
| ● F020B2EH012 | ● F020B3EH012 | ● F020B4EH012 |
| ● F020B2EH018 | ● F020B3EH018 | ● F020B4EH018 |
| ● F020B2EH030 | ● F020B3EH030 | ● F020B4EH030 |
| ● F020B2EH033 | ● F020B3EH033 | ● F020B4EH033 |

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A2JH001 | ○ F020A3JH001 | ○ F020A4JH001 |
| ● F020A2JH006 | ● F020A3JH006 | ● F020A4JH006 |
| ● F020A2JH012 | ● F020A3JH012 | ● F020A4JH012 |
| ● F020A2JH018 | ● F020A3JH018 | ● F020A4JH018 |
| ● F020A2JH030 | ● F020A3JH030 | ● F020A4JH030 |
| ● F020A2JH033 | ● F020A3JH033 | ● F020A4JH033 |




@4000K

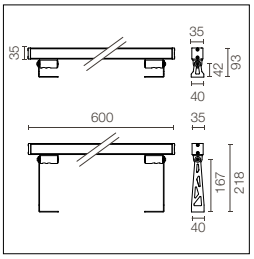
Beam Angle: 90°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 177 | 1.67 |
| 2 | 44 | 3.34 |
| 3 | 20 | 5.00 |
| 4 | 11 | 6.67 |
| 5 | 7 | 8.34 |

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B2JH001 | ○ F020B3JH001 | ○ F020B4JH001 |
| ● F020B2JH006 | ● F020B3JH006 | ● F020B4JH006 |
| ● F020B2JH012 | ● F020B3JH012 | ● F020B4JH012 |
| ● F020B2JH018 | ● F020B3JH018 | ● F020B4JH018 |
| ● F020B2JH030 | ● F020B3JH030 | ● F020B4JH030 |
| ● F020B2JH033 | ● F020B3JH033 | ● F020B4JH033 |

## Outgraze 35 L 600




IP 66 | IK 07 | 1,65 Kg | LED INCL.

Fernspeisung 48 V und Einbauhalterungen separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. Dimmbare PWM-Geräte. SMART-Version auf Anfrage verfügbar (Leistung 7W - Fluss - 50% lm).

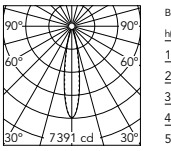
48V remote power supply and installation brackets to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. Dimmable PWM luminaires. SMART version available upon request (power 7W - flux -50% lm).

**Power Led:** 12W - 1391 lm ≠ *FIXT 1034 lm - 2700K/CRI 80 - 48V / 12W - 1441 lm ≠ *FIXT 1071 lm - 3000K/CRI 80 - 48V / 12W - 1490 lm ≠ *FIXT 1108 lm - 4000K/CRI 80 - 48V
*FIXT lm = Medium Optic

**[1]Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A22H001 | ○ F020A32H001 | ○ F020A42H001 |
| ● F020A22H006 | ● F020A32H006 | ● F020A42H006 |
| ● F020A22H012 | ● F020A32H012 | ● F020A42H012 |
| ● F020A22H018 | ● F020A32H018 | ● F020A42H018 |
| ● F020A22H030 | ● F020A32H030 | ● F020A42H030 |
| ● F020A22H033 | ● F020A32H033 | ● F020A42H033 |

18° SPOT




@4000K

| Beam Angle: | | 18° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 7391 | 0.34 |
| 2 | 1848 | 0.68 |
| 3 | 821 | 1.02 |
| 4 | 462 | 1.36 |
| 5 | 296 | 1.70 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B22H001 | ○ F020B32H001 | ○ F020B42H001 |
| ● F020B22H006 | ● F020B32H006 | ● F020B42H006 |
| ● F020B22H012 | ● F020B32H012 | ● F020B42H012 |
| ● F020B22H018 | ● F020B32H018 | ● F020B42H018 |
| ● F020B22H030 | ● F020B32H030 | ● F020B42H030 |
| ● F020B22H033 | ● F020B32H033 | ● F020B42H033 |

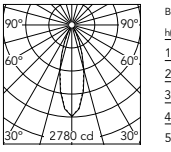
**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020C22H001 | ○ F020C32H001 | ○ F020C42H001 |
| ● F020C22H006 | ● F020C32H006 | ● F020C42H006 |
| ● F020C22H012 | ● F020C32H012 | ● F020C42H012 |
| ● F020C22H018 | ● F020C32H018 | ● F020C42H018 |
| ● F020C22H030 | ● F020C32H030 | ● F020C42H030 |
| ● F020C22H033 | ● F020C32H033 | ● F020C42H033 |

**[1]Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A26H001 | ○ F020A36H001 | ○ F020A46H001 |
| ● F020A26H006 | ● F020A36H006 | ● F020A46H006 |
| ● F020A26H012 | ● F020A36H012 | ● F020A46H012 |
| ● F020A26H018 | ● F020A36H018 | ● F020A46H018 |
| ● F020A26H030 | ● F020A36H030 | ● F020A46H030 |
| ● F020A26H033 | ● F020A36H033 | ● F020A46H033 |

30° MEDIUM




@4000K

| Beam Angle: | | 30° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 2780 | 0.55 |
| 2 | 695 | 1.11 |
| 3 | 309 | 1.66 |
| 4 | 174 | 2.22 |
| 5 | 111 | 2.77 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B26H001 | ○ F020B36H001 | ○ F020B46H001 |
| ● F020B26H006 | ● F020B36H006 | ● F020B46H006 |
| ● F020B26H012 | ● F020B36H012 | ● F020B46H012 |
| ● F020B26H018 | ● F020B36H018 | ● F020B46H018 |
| ● F020B26H030 | ● F020B36H030 | ● F020B46H030 |
| ● F020B26H033 | ● F020B36H033 | ● F020B46H033 |

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020C26H001 | ○ F020C36H001 | ○ F020C46H001 |
| ● F020C26H006 | ● F020C36H006 | ● F020C46H006 |
| ● F020C26H012 | ● F020C36H012 | ● F020C46H012 |
| ● F020C26H018 | ● F020C36H018 | ● F020C46H018 |
| ● F020C26H030 | ● F020C36H030 | ● F020C46H030 |
| ● F020C26H033 | ● F020C36H033 | ● F020C46H033 |

[1]Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered).

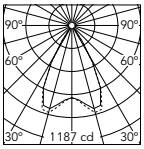
[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A2BH001 | ○ F020A3BH001 | ○ F020A4BH001 |
| ● F020A2BH006 | ● F020A3BH006 | ● F020A4BH006 |
| ● F020A2BH012 | ● F020A3BH012 | ● F020A4BH012 |
| ● F020A2BH018 | ● F020A3BH018 | ● F020A4BH018 |
| ● F020A2BH030 | ● F020A3BH030 | ● F020A4BH030 |
| ● F020A2BH033 | ● F020A3BH033 | ● F020A4BH033 |

59°
FLOOD




@4000K

| Beam Angle: | 59° |
|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 1187 | 1.14 |
| 2 | 297 | 2.28 |
| 3 | 132 | 3.41 |
| 4 | 74 | 4.55 |
| 5 | 47 | 5.69 |

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B2BH001 | ○ F020B3BH001 | ○ F020B4BH001 |
| ● F020B2BH006 | ● F020B3BH006 | ● F020B4BH006 |
| ● F020B2BH012 | ● F020B3BH012 | ● F020B4BH012 |
| ● F020B2BH018 | ● F020B3BH018 | ● F020B4BH018 |
| ● F020B2BH030 | ● F020B3BH030 | ● F020B4BH030 |
| ● F020B2BH033 | ● F020B3BH033 | ● F020B4BH033 |

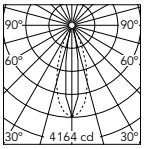
[3]**Continuous Line I/O H2O Stop Fast Connect** -Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020C2BH001 | ○ F020C3BH001 | ○ F020C4BH001 |
| ● F020C2BH006 | ● F020C3BH006 | ● F020C4BH006 |
| ● F020C2BH012 | ● F020C3BH012 | ● F020C4BH012 |
| ● F020C2BH018 | ● F020C3BH018 | ● F020C4BH018 |
| ● F020C2BH030 | ● F020C3BH030 | ● F020C4BH030 |
| ● F020C2BH033 | ● F020C3BH033 | ● F020C4BH033 |

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A2FH001 | ○ F020A3FH001 | ○ F020A4FH001 |
| ● F020A2FH006 | ● F020A3FH006 | ● F020A4FH006 |
| ● F020A2FH012 | ● F020A3FH012 | ● F020A4FH012 |
| ● F020A2FH018 | ● F020A3FH018 | ● F020A4FH018 |
| ● F020A2FH030 | ● F020A3FH030 | ● F020A4FH030 |
| ● F020A2FH033 | ● F020A3FH033 | ● F020A4FH033 |

17°+38°
ELLIPTICAL




@4000K

| Beam Angle: | 38° |
|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 4164 | 0.30 |
| 2 | 1041 | 0.60 |
| 3 | 463 | 0.90 |
| 4 | 260 | 1.20 |
| 5 | 167 | 1.50 |

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B2FH001 | ○ F020B3FH001 | ○ F020B4FH001 |
| ● F020B2FH006 | ● F020B3FH006 | ● F020B4FH006 |
| ● F020B2FH012 | ● F020B3FH012 | ● F020B4FH012 |
| ● F020B2FH018 | ● F020B3FH018 | ● F020B4FH018 |
| ● F020B2FH030 | ● F020B3FH030 | ● F020B4FH030 |
| ● F020B2FH033 | ● F020B3FH033 | ● F020B4FH033 |

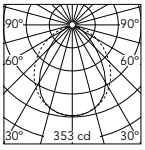
[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020C2FH001 | ○ F020C3FH001 | ○ F020C4FH001 |
| ● F020C2FH006 | ● F020C3FH006 | ● F020C4FH006 |
| ● F020C2FH012 | ● F020C3FH012 | ● F020C4FH012 |
| ● F020C2FH018 | ● F020C3FH018 | ● F020C4FH018 |
| ● F020C2FH030 | ● F020C3FH030 | ● F020C4FH030 |
| ● F020C2FH033 | ● F020C3FH033 | ● F020C4FH033 |

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A2KH001 | ○ F020A3KH001 | ○ F020A4KH001 |
| ● F020A2KH006 | ● F020A3KH006 | ● F020A4KH006 |
| ● F020A2KH012 | ● F020A3KH012 | ● F020A4KH012 |
| ● F020A2KH018 | ● F020A3KH018 | ● F020A4KH018 |
| ● F020A2KH030 | ● F020A3KH030 | ● F020A4KH030 |
| ● F020A2KH033 | ● F020A3KH033 | ● F020A4KH033 |

90°
DIFFUSED




@4000K

| Beam Angle: | 90° |
|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 353 | 1.67 |
| 2 | 88 | 3.34 |
| 3 | 39 | 5.00 |
| 4 | 22 | 6.67 |
| 5 | 14 | 8.34 |

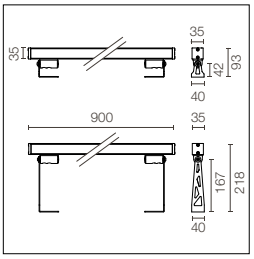
[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B2KH001 | ○ F020B3KH001 | ○ F020B4KH001 |
| ● F020B2KH006 | ● F020B3KH006 | ● F020B4KH006 |
| ● F020B2KH012 | ● F020B3KH012 | ● F020B4KH012 |
| ● F020B2KH018 | ● F020B3KH018 | ● F020B4KH018 |
| ● F020B2KH030 | ● F020B3KH030 | ● F020B4KH030 |
| ● F020B2KH033 | ● F020B3KH033 | ● F020B4KH033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020C2KH001 | ○ F020C3KH001 | ○ F020C4KH001 |
| ● F020C2KH006 | ● F020C3KH006 | ● F020C4KH006 |
| ● F020C2KH012 | ● F020C3KH012 | ● F020C4KH012 |
| ● F020C2KH018 | ● F020C3KH018 | ● F020C4KH018 |
| ● F020C2KH030 | ● F020C3KH030 | ● F020C4KH030 |
| ● F020C2KH033 | ● F020C3KH033 | ● F020C4KH033 |

## Outgraze 35 L 900




IP 66 · IK 07 · 2,32 Kg · LED INCL

Fernspeisung 48 V und Einbauhalterungen separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. Dimmbare PWM-Geräte. SMART-Version auf Anfrage verfügbar (Leistung 11W - Fluss - 50% lm).

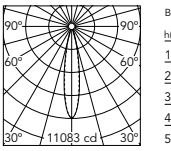
48V remote power supply and installation brackets to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. Dimmable PWM luminaires. SMART version available upon request (power 11W - flux -50% lm).

**Power Led:** 18W - 2087 lm ≠ *FIXT 1551 lm - 2700K/CRI 80 - 48V / 18W - 2161 lm ≠ *FIXT 1607 lm - 3000K/CRI 80 - 48V / 18W - 2236 lm ≠ *FIXT 1662 lm - 4000K/CRI 80 - 48V
*FIXT lm = Medium Optic

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A23H001 | ○ F020A33H001 | ○ F020A43H001 |
| ● F020A23H006 | ● F020A33H006 | ● F020A43H006 |
| ● F020A23H012 | ● F020A33H012 | ● F020A43H012 |
| ● F020A23H018 | ● F020A33H018 | ● F020A43H018 |
| ● F020A23H030 | ● F020A33H030 | ● F020A43H030 |
| ● F020A23H033 | ● F020A33H033 | ● F020A43H033 |

18° SPOT




@4000K

| Beam Angle: | | 18° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 11083 | 0.34 |
| 2 | 2771 | 0.68 |
| 3 | 1231 | 1.02 |
| 4 | 693 | 1.36 |
| 5 | 443 | 1.70 |

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B23H001 | ○ F020B33H001 | ○ F020B43H001 |
| ● F020B23H006 | ● F020B33H006 | ● F020B43H006 |
| ● F020B23H012 | ● F020B33H012 | ● F020B43H012 |
| ● F020B23H018 | ● F020B33H018 | ● F020B43H018 |
| ● F020B23H030 | ● F020B33H030 | ● F020B43H030 |
| ● F020B23H033 | ● F020B33H033 | ● F020B43H033 |

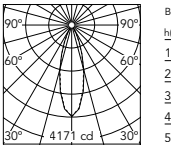
[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020C23H001 | ○ F020C33H001 | ○ F020C43H001 |
| ● F020C23H006 | ● F020C33H006 | ● F020C43H006 |
| ● F020C23H012 | ● F020C33H012 | ● F020C43H012 |
| ● F020C23H018 | ● F020C33H018 | ● F020C43H018 |
| ● F020C23H030 | ● F020C33H030 | ● F020C43H030 |
| ● F020C23H033 | ● F020C33H033 | ● F020C43H033 |

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A27H001 | ○ F020A37H001 | ○ F020A47H001 |
| ● F020A27H006 | ● F020A37H006 | ● F020A47H006 |
| ● F020A27H012 | ● F020A37H012 | ● F020A47H012 |
| ● F020A27H018 | ● F020A37H018 | ● F020A47H018 |
| ● F020A27H030 | ● F020A37H030 | ● F020A47H030 |
| ● F020A27H033 | ● F020A37H033 | ● F020A47H033 |

30° MEDIUM




@4000K

| Beam Angle: | | 30° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 4171 | 0.55 |
| 2 | 1043 | 1.11 |
| 3 | 463 | 1.66 |
| 4 | 261 | 2.22 |
| 5 | 167 | 2.77 |

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B27H001 | ○ F020B37H001 | ○ F020B47H001 |
| ● F020B27H006 | ● F020B37H006 | ● F020B47H006 |
| ● F020B27H012 | ● F020B37H012 | ● F020B47H012 |
| ● F020B27H018 | ● F020B37H018 | ● F020B47H018 |
| ● F020B27H030 | ● F020B37H030 | ● F020B47H030 |
| ● F020B27H033 | ● F020B37H033 | ● F020B47H033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020C27H001 | ○ F020C37H001 | ○ F020C47H001 |
| ● F020C27H006 | ● F020C37H006 | ● F020C47H006 |
| ● F020C27H012 | ● F020C37H012 | ● F020C47H012 |
| ● F020C27H018 | ● F020C37H018 | ● F020C47H018 |
| ● F020C27H030 | ● F020C37H030 | ● F020C47H030 |
| ● F020C27H033 | ● F020C37H033 | ● F020C47H033 |

[1]Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered).

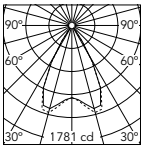
[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| F020A2CH001 | F020A3CH001 | F020A4CH001 |
| F020A2CH006 | F020A3CH006 | F020A4CH006 |
| F020A2CH012 | F020A3CH012 | F020A4CH012 |
| F020A2CH018 | F020A3CH018 | F020A4CH018 |
| F020A2CH030 | F020A3CH030 | F020A4CH030 |
| F020A2CH033 | F020A3CH033 | F020A4CH033 |

59°
FLOOD




@4000K

| Beam Angle: | 59° |
|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 1781 | 1.14 |
| 2 | 445 | 2.28 |
| 3 | 198 | 3.41 |
| 4 | 111 | 4.55 |
| 5 | 71 | 5.69 |

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| F020B2CH001 | F020B3CH001 | F020B4CH001 |
| F020B2CH006 | F020B3CH006 | F020B4CH006 |
| F020B2CH012 | F020B3CH012 | F020B4CH012 |
| F020B2CH018 | F020B3CH018 | F020B4CH018 |
| F020B2CH030 | F020B3CH030 | F020B4CH030 |
| F020B2CH033 | F020B3CH033 | F020B4CH033 |

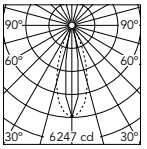
[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| F020C2CH001 | F020C3CH001 | F020C4CH001 |
| F020C2CH006 | F020C3CH006 | F020C4CH006 |
| F020C2CH012 | F020C3CH012 | F020C4CH012 |
| F020C2CH018 | F020C3CH018 | F020C4CH018 |
| F020C2CH030 | F020C3CH030 | F020C4CH030 |
| F020C2CH033 | F020C3CH033 | F020C4CH033 |

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| F020A2GH001 | F020A3GH001 | F020A4GH001 |
| F020A2GH006 | F020A3GH006 | F020A4GH006 |
| F020A2GH012 | F020A3GH012 | F020A4GH012 |
| F020A2GH018 | F020A3GH018 | F020A4GH018 |
| F020A2GH030 | F020A3GH030 | F020A4GH030 |
| F020A2GH033 | F020A3GH033 | F020A4GH033 |

17°+38°
ELLIPTICAL




@4000K

| Beam Angle: | 38° |
|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 6247 | 0.30 |
| 2 | 1562 | 0.60 |
| 3 | 694 | 0.90 |
| 4 | 390 | 1.20 |
| 5 | 250 | 1.50 |

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| F020B2GH001 | F020B3GH001 | F020B4GH001 |
| F020B2GH006 | F020B3GH006 | F020B4GH006 |
| F020B2GH012 | F020B3GH012 | F020B4GH012 |
| F020B2GH018 | F020B3GH018 | F020B4GH018 |
| F020B2GH030 | F020B3GH030 | F020B4GH030 |
| F020B2GH033 | F020B3GH033 | F020B4GH033 |

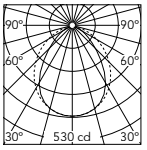
[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| F020C2GH001 | F020C3GH001 | F020C4GH001 |
| F020C2GH006 | F020C3GH006 | F020C4GH006 |
| F020C2GH012 | F020C3GH012 | F020C4GH012 |
| F020C2GH018 | F020C3GH018 | F020C4GH018 |
| F020C2GH030 | F020C3GH030 | F020C4GH030 |
| F020C2GH033 | F020C3GH033 | F020C4GH033 |

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| F020A2LH001 | F020A3LH001 | F020A4LH001 |
| F020A2LH006 | F020A3LH006 | F020A4LH006 |
| F020A2LH012 | F020A3LH012 | F020A4LH012 |
| F020A2LH018 | F020A3LH018 | F020A4LH018 |
| F020A2LH030 | F020A3LH030 | F020A4LH030 |
| F020A2LH033 | F020A3LH033 | F020A4LH033 |

90°
DIFFUSED




@4000K

| Beam Angle: | 90° |
|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 530 | 1.67 |
| 2 | 132 | 3.34 |
| 3 | 59 | 5.00 |
| 4 | 33 | 6.67 |
| 5 | 21 | 8.34 |

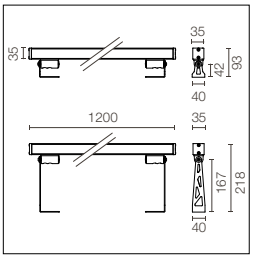
[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| F020B2LH001 | F020B3LH001 | F020B4LH001 |
| F020B2LH006 | F020B3LH006 | F020B4LH006 |
| F020B2LH012 | F020B3LH012 | F020B4LH012 |
| F020B2LH018 | F020B3LH018 | F020B4LH018 |
| F020B2LH030 | F020B3LH030 | F020B4LH030 |
| F020B2LH033 | F020B3LH033 | F020B4LH033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** -Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| F020C2LH001 | F020C3LH001 | F020C4LH001 |
| F020C2LH006 | F020C3LH006 | F020C4LH006 |
| F020C2LH012 | F020C3LH012 | F020C4LH012 |
| F020C2LH018 | F020C3LH018 | F020C4LH018 |
| F020C2LH030 | F020C3LH030 | F020C4LH030 |
| F020C2LH033 | F020C3LH033 | F020C4LH033 |

## Outgraze 35 L 1200




IP 66 · IK 07 · 2,90 Kg · LED INCL

Fernspeisung 48 V und Einbauhalterungen separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. Dimmbare PWM-Geräte. SMART-Version auf Anfrage verfügbar (Leistung 14W - Fluss - 50% lm).

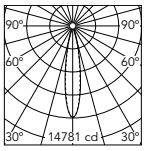
48V remote power supply and installation brackets to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. Dimmable PWM luminaires. SMART version available upon request (power 14W - flux -50% lm).

**Power Led:** 23W - 2782 lm ≠ *FIXT 2069 lm - 2700K/CRI 80 - 48V /23W - 2881 lm ≠ *FIXT 2142 lm - 3000K/CRI 80 - 48V / 23W - 2981 lm ≠ *FIXT 2216 lm - 4000K/CRI 80 - 48V
*FIXT lm = Medium Optic

**[1]Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A24H001 | ○ F020A34H001 | ○ F020A44H001 |
| ● F020A24H006 | ● F020A34H006 | ● F020A44H006 |
| ● F020A24H012 | ● F020A34H012 | ● F020A44H012 |
| ● F020A24H018 | ● F020A34H018 | ● F020A44H018 |
| ● F020A24H030 | ● F020A34H030 | ● F020A44H030 |
| ● F020A24H033 | ● F020A34H033 | ● F020A44H033 |

18° SPOT




@4000K

| Beam Angle: | | 18° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 14781 | 0.34 |
| 2 | 3695 | 0.68 |
| 3 | 1642 | 1.02 |
| 4 | 924 | 1.36 |
| 5 | 591 | 1.70 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B24H001 | ○ F020B34H001 | ○ F020B44H001 |
| ● F020B24H006 | ● F020B34H006 | ● F020B44H006 |
| ● F020B24H012 | ● F020B34H012 | ● F020B44H012 |
| ● F020B24H018 | ● F020B34H018 | ● F020B44H018 |
| ● F020B24H030 | ● F020B34H030 | ● F020B44H030 |
| ● F020B24H033 | ● F020B34H033 | ● F020B44H033 |

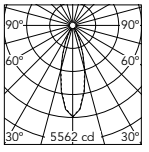
**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020C24H001 | ○ F020C34H001 | ○ F020C44H001 |
| ● F020C24H006 | ● F020C34H006 | ● F020C44H006 |
| ● F020C24H012 | ● F020C34H012 | ● F020C44H012 |
| ● F020C24H018 | ● F020C34H018 | ● F020C44H018 |
| ● F020C24H030 | ● F020C34H030 | ● F020C44H030 |
| ● F020C24H033 | ● F020C34H033 | ● F020C44H033 |

**[1]Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A28H001 | ○ F020A38H001 | ○ F020A48H001 |
| ● F020A28H006 | ● F020A38H006 | ● F020A48H006 |
| ● F020A28H012 | ● F020A38H012 | ● F020A48H012 |
| ● F020A28H018 | ● F020A38H018 | ● F020A48H018 |
| ● F020A28H030 | ● F020A38H030 | ● F020A48H030 |
| ● F020A28H033 | ● F020A38H033 | ● F020A48H033 |

30° MEDIUM




@4000K

| Beam Angle: | | 30° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 5562 | 0.55 |
| 2 | 1390 | 1.11 |
| 3 | 618 | 1.66 |
| 4 | 348 | 2.22 |
| 5 | 222 | 2.77 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B28H001 | ○ F020B38H001 | ○ F020B48H001 |
| ● F020B28H006 | ● F020B38H006 | ● F020B48H006 |
| ● F020B28H012 | ● F020B38H012 | ● F020B48H012 |
| ● F020B28H018 | ● F020B38H018 | ● F020B48H018 |
| ● F020B28H030 | ● F020B38H030 | ● F020B48H030 |
| ● F020B28H033 | ● F020B38H033 | ● F020B48H033 |

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020C28H001 | ○ F020C38H001 | ○ F020C48H001 |
| ● F020C28H006 | ● F020C38H006 | ● F020C48H006 |
| ● F020C28H012 | ● F020C38H012 | ● F020C48H012 |
| ● F020C28H018 | ● F020C38H018 | ● F020C48H018 |
| ● F020C28H030 | ● F020C38H030 | ● F020C48H030 |
| ● F020C28H033 | ● F020C38H033 | ● F020C48H033 |

[1]Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered).

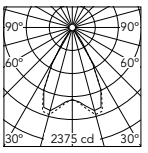
[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A2DH001 | ○ F020A3DH001 | ○ F020A4DH001 |
| ● F020A2DH006 | ● F020A3DH006 | ● F020A4DH006 |
| ● F020A2DH012 | ● F020A3DH012 | ● F020A4DH012 |
| ● F020A2DH018 | ● F020A3DH018 | ● F020A4DH018 |
| ● F020A2DH030 | ● F020A3DH030 | ● F020A4DH030 |
| ● F020A2DH033 | ● F020A3DH033 | ● F020A4DH033 |

59°
FLOOD




Beam Angle: 59°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 2375 | 1.14 |
| 2 | 594 | 2.28 |
| 3 | 264 | 3.41 |
| 4 | 148 | 4.55 |
| 5 | 95 | 5.69 |

@4000K

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B2DH001 | ○ F020B3DH001 | ○ F020B4DH001 |
| ● F020B2DH006 | ● F020B3DH006 | ● F020B4DH006 |
| ● F020B2DH012 | ● F020B3DH012 | ● F020B4DH012 |
| ● F020B2DH018 | ● F020B3DH018 | ● F020B4DH018 |
| ● F020B2DH030 | ● F020B3DH030 | ● F020B4DH030 |
| ● F020B2DH033 | ● F020B3DH033 | ● F020B4DH033 |

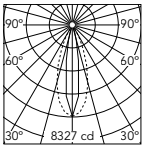
[3]**Continuous Line I/O H2O Stop Fast Connect** -Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020C2DH001 | ○ F020C3DH001 | ○ F020C4DH001 |
| ● F020C2DH006 | ● F020C3DH006 | ● F020C4DH006 |
| ● F020C2DH012 | ● F020C3DH012 | ● F020C4DH012 |
| ● F020C2DH018 | ● F020C3DH018 | ● F020C4DH018 |
| ● F020C2DH030 | ● F020C3DH030 | ● F020C4DH030 |
| ● F020C2DH033 | ● F020C3DH033 | ● F020C4DH033 |

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A2HH001 | ○ F020A3HH001 | ○ F020A4HH001 |
| ● F020A2HH006 | ● F020A3HH006 | ● F020A4HH006 |
| ● F020A2HH012 | ● F020A3HH012 | ● F020A4HH012 |
| ● F020A2HH018 | ● F020A3HH018 | ● F020A4HH018 |
| ● F020A2HH030 | ● F020A3HH030 | ● F020A4HH030 |
| ● F020A2HH033 | ● F020A3HH033 | ● F020A4HH033 |

17°+38°
ELLIPTICAL




Beam Angle: 38°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 8327 | 0.30 |
| 2 | 2082 | 0.60 |
| 3 | 925 | 0.90 |
| 4 | 520 | 1.20 |
| 5 | 333 | 1.50 |

@4000K

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B2HH001 | ○ F020B3HH001 | ○ F020B4HH001 |
| ● F020B2HH006 | ● F020B3HH006 | ● F020B4HH006 |
| ● F020B2HH012 | ● F020B3HH012 | ● F020B4HH012 |
| ● F020B2HH018 | ● F020B3HH018 | ● F020B4HH018 |
| ● F020B2HH030 | ● F020B3HH030 | ● F020B4HH030 |
| ● F020B2HH033 | ● F020B3HH033 | ● F020B4HH033 |

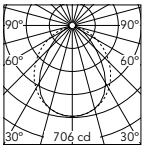
[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020C2HH001 | ○ F020C3HH001 | ○ F020C4HH001 |
| ● F020C2HH006 | ● F020C3HH006 | ● F020C4HH006 |
| ● F020C2HH012 | ● F020C3HH012 | ● F020C4HH012 |
| ● F020C2HH018 | ● F020C3HH018 | ● F020C4HH018 |
| ● F020C2HH030 | ● F020C3HH030 | ● F020C4HH030 |
| ● F020C2HH033 | ● F020C3HH033 | ● F020C4HH033 |

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020A2MH001 | ○ F020A3MH001 | ○ F020A4MH001 |
| ● F020A2MH006 | ● F020A3MH006 | ● F020A4MH006 |
| ● F020A2MH012 | ● F020A3MH012 | ● F020A4MH012 |
| ● F020A2MH018 | ● F020A3MH018 | ● F020A4MH018 |
| ● F020A2MH030 | ● F020A3MH030 | ● F020A4MH030 |
| ● F020A2MH033 | ● F020A3MH033 | ● F020A4MH033 |

90°
DIFFUSED




Beam Angle: 90°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 706 | 1.67 |
| 2 | 177 | 3.34 |
| 3 | 78 | 5.00 |
| 4 | 44 | 6.67 |
| 5 | 28 | 8.34 |

@4000K

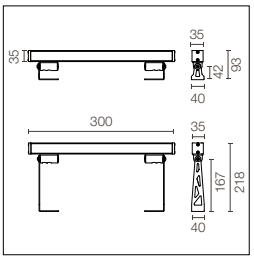
[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020B2MH001 | ○ F020B3MH001 | ○ F020B4MH001 |
| ● F020B2MH006 | ● F020B3MH006 | ● F020B4MH006 |
| ● F020B2MH012 | ● F020B3MH012 | ● F020B4MH012 |
| ● F020B2MH018 | ● F020B3MH018 | ● F020B4MH018 |
| ● F020B2MH030 | ● F020B3MH030 | ● F020B4MH030 |
| ● F020B2MH033 | ● F020B3MH033 | ● F020B4MH033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020C2MH001 | ○ F020C3MH001 | ○ F020C4MH001 |
| ● F020C2MH006 | ● F020C3MH006 | ● F020C4MH006 |
| ● F020C2MH012 | ● F020C3MH012 | ● F020C4MH012 |
| ● F020C2MH018 | ● F020C3MH018 | ● F020C4MH018 |
| ● F020C2MH030 | ● F020C3MH030 | ● F020C4MH030 |
| ● F020C2MH033 | ● F020C3MH033 | ● F020C4MH033 |

## Outgraze 35 Easy L 300




IP 66 · 0,80 Kg · LED INCL · IK 07

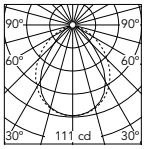
Fernspeisung 24V und Einbauhalterungen separat zu bestellen. Dimmbare PWM-Geräte.
Sandgestrahltes Glas.

24V remote power supply and installation brackets to be ordered separately. Dimmable PWM luminaires.
Sandblasted glass.

**Mid-power Led:** 4,5W - 454 lm ≠ FIXT 190 lm - 2700K/CRI 80 - 24V / 4,5W - 494 lm ≠ FIXT 207 lm - 3000K/CRI 80 - 24V / 4,5W - 533 lm ≠ FIXT 223 lm - 4000K/CRI 80 - 24V

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| ○ F020G2JH001 | ○ F020G3JH001 | ○ F020G4JH001 |
| ● F020G2JH006 | ● F020G3JH006 | ● F020G4JH006 |
| ● F020G2JH012 | ● F020G3JH012 | ● F020G4JH012 |
| ● F020G2JH018 | ● F020G3JH018 | ● F020G4JH018 |
| ● F020G2JH030 | ● F020G3JH030 | ● F020G4JH030 |
| ● F020G2JH033 | ● F020G3JH033 | ● F020G4JH033 |




@4000K

| Beam Angle: | | 90° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 111 | 1.62 |
| 2 | 28 | 3.23 |
| 3 | 12 | 4.85 |
| 4 | 7 | 6.46 |
| 5 | 4 | 8.08 |

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| ○ F020H2JH001 | ○ F020H3JH001 | ○ F020H4JH001 |
| ● F020H2JH006 | ● F020H3JH006 | ● F020H4JH006 |
| ● F020H2JH012 | ● F020H3JH012 | ● F020H4JH012 |
| ● F020H2JH018 | ● F020H3JH018 | ● F020H4JH018 |
| ● F020H2JH030 | ● F020H3JH030 | ● F020H4JH030 |
| ● F020H2JH033 | ● F020H3JH033 | ● F020H4JH033 |

## Outgraze 35 Easy L 300 - Tunable White 2700K÷5700K

**Mid-power Led:** 4,5W - 227÷286 lm ≠ FIXT 95÷120 lm - 2700K÷5700K/CRI 80 - 2CH x 24V

[1]**Tunable White Standard** - Schaltplan Nr.4 S.557 / Wiring diagram n.4 page 549

| **2700K÷5700K** |
|---|
| ○ F020GTJH001 |
| ● F020GTJH006 |
| ● F020GTJH012 |
| ● F020GTJH018 |
| ● F020GTJH030 |
| ● F020GTJH033 |

[2]**Tunable White Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.5 S.557 / Wiring diagram n.5 page 549

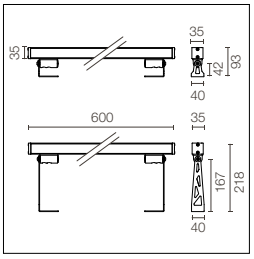
| **2700K÷5700K** |
|---|
| ○ F020HTJH001 |
| ● F020HTJH006 |
| ● F020HTJH012 |
| ● F020HTJH018 |
| ● F020HTJH030 |
| ● F020HTJH033 |

Photometric data on request.

[1]Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered).

[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

## Outgraze 35 Easy L 600




IP 66 | 1,65 Kg | LED INCL | IK 07

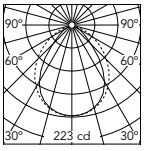
Fernspeisung 48 V und Einbauhalterungen separat zu bestellen. Dimmbare PWM-Geräte.
Sandgestrahltes Glas.

24V remote power supply and installation brackets to be ordered separately. Dimmable PWM luminaires.
Sandblasted glass.

**Mid-power Led:** 9W - 909 lm ≠ FIXT 381 lm - 2700K/CRI 80 - 24V / 9W - 988 lm ≠ FIXT 414 lm - 3000K/CRI 80 - 24V / 9W - 1067 lm ≠ FIXT 447 lm - 4000K/CRI 80 - 24V

**[1]Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020G2KH001 | ○ F020G3KH001 | ○ F020G4KH001 |
| ● F020G2KH006 | ● F020G3KH006 | ● F020G4KH006 |
| ● F020G2KH012 | ● F020G3KH012 | ● F020G4KH012 |
| ● F020G2KH018 | ● F020G3KH018 | ● F020G4KH018 |
| ● F020G2KH030 | ● F020G3KH030 | ● F020G4KH030 |
| ● F020G2KH033 | ● F020G3KH033 | ● F020G4KH033 |




@4000K

| Beam Angle: | | 90° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 223 | 1.62 |
| 2 | 56 | 3.23 |
| 3 | 25 | 4.85 |
| 4 | 14 | 6.46 |
| 5 | 9 | 8.08 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020H2KH001 | ○ F020H3KH001 | ○ F020H4KH001 |
| ● F020H2KH006 | ● F020H3KH006 | ● F020H4KH006 |
| ● F020H2KH012 | ● F020H3KH012 | ● F020H4KH012 |
| ● F020H2KH018 | ● F020H3KH018 | ● F020H4KH018 |
| ● F020H2KH030 | ● F020H3KH030 | ● F020H4KH030 |
| ● F020H2KH033 | ● F020H3KH033 | ● F020H4KH033 |

**[3]Continuous Line I/O H2O Stop Fast Connect** -Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020J2KH001 | ○ F020J3KH001 | ○ F020J4KH001 |
| ● F020J2KH006 | ● F020J3KH006 | ● F020J4KH006 |
| ● F020J2KH012 | ● F020J3KH012 | ● F020J4KH012 |
| ● F020J2KH018 | ● F020J3KH018 | ● F020J4KH018 |
| ● F020J2KH030 | ● F020J3KH030 | ● F020J4KH030 |
| ● F020J2KH033 | ● F020J3KH033 | ● F020J4KH033 |

## Outgraze 35 Easy L 600 - Tunable White 2700K÷5700K

**Mid-power Led:** 9W - 454÷573 lm ≠ FIXT 190÷240 lm - 2700K÷5700K/CRI 80 - 2CH x 24V

**[1]Tunable White Standard** - Schaltplan Nr.4 S.557 / Wiring diagram n.4 page 549

| 2700K÷5700K |
|---|
| ○ F020GTKH001 |
| ● F020GTKH006 |
| ● F020GTKH012 |
| ● F020GTKH018 |
| ● F020GTKH030 |
| ● F020GTKH033 |

**[2]Tunable White Quick Install I H2O Stop Fast Connect** -Schaltplan Nr.5 S.557 / Wiring diagram n.5 page 549

| 2700K÷5700K |
|---|
| ○ F020HTKH001 |
| ● F020HTKH006 |
| ● F020HTKH012 |
| ● F020HTKH018 |
| ● F020HTKH030 |
| ● F020HTKH033 |

**[3]Tunable White Continous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.6 S.557 / Wiring diagram n.6 page 549

| 2700K÷5700K |
|---|
| ○ F020JTKH001 |
| ● F020JTKH006 |
| ● F020JTKH012 |
| ● F020JTKH018 |
| ● F020JTKH030 |
| ● F020JTKH033 |

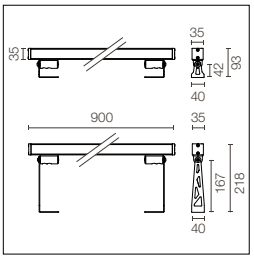
Photometric data on request.

[1]Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered).

[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 35 Easy L 900




IP 66 · IK 07 · 2,32 Kg · LED INCL

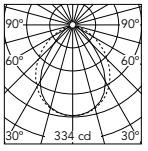
Fernspeisung 24V und Einbauhalterungen separat zu bestellen. Dimmbare PWM-Geräte.
Sandgestrahltes Glas.

24V remote power supply and installation brackets to be ordered separately. Dimmable PWM luminaires.
Sandblasted glass.

**Mid-power Led:** 13W - 1363 lm ≠ FIXT 571 lm - 2700K/CRI 80 - 24V / 13W - 1481 lm ≠ FIXT 621 lm - 3000K/CRI 80 - 24V / 13W - 1600 lm ≠ FIXT 670 lm - 4000K/CRI 80 - 24V

[1]**Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| ○ F020G2LH001 | ○ F020G3LH001 | ○ F020G4LH001 |
| ● F020G2LH006 | ● F020G3LH006 | ● F020G4LH006 |
| ● F020G2LH012 | ● F020G3LH012 | ● F020G4LH012 |
| ● F020G2LH018 | ● F020G3LH018 | ● F020G4LH018 |
| ● F020G2LH030 | ● F020G3LH030 | ● F020G4LH030 |
| ● F020G2LH033 | ● F020G3LH033 | ● F020G4LH033 |




@4000K

| Beam Angle: | | 90° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 334 | 1.62 |
| 2 | 83 | 3.23 |
| 3 | 37 | 4.85 |
| 4 | 21 | 6.46 |
| 5 | 13 | 8.08 |

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| ○ F020H2LH001 | ○ F020H3LH001 | ○ F020H4LH001 |
| ● F020H2LH006 | ● F020H3LH006 | ● F020H4LH006 |
| ● F020H2LH012 | ● F020H3LH012 | ● F020H4LH012 |
| ● F020H2LH018 | ● F020H3LH018 | ● F020H4LH018 |
| ● F020H2LH030 | ● F020H3LH030 | ● F020H4LH030 |
| ● F020H2LH033 | ● F020H3LH033 | ● F020H4LH033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| ○ F020J2LH001 | ○ F020J3LH001 | ○ F020J4LH001 |
| ● F020J2LH006 | ● F020J3LH006 | ● F020J4LH006 |
| ● F020J2LH012 | ● F020J3LH012 | ● F020J4LH012 |
| ● F020J2LH018 | ● F020J3LH018 | ● F020J4LH018 |
| ● F020J2LH030 | ● F020J3LH030 | ● F020J4LH030 |
| ● F020J2LH033 | ● F020J3LH033 | ● F020J4LH033 |

## Outgraze 35 Easy L 900 - Tunable White 2700K÷5700K

**Mid-power Led:** 13W - 681÷859 lm ≠ FIXT 285÷360 lm - 2700K÷5700K/CRI 80 - 2CH x 24V

[1]**Tunable White Standard** - Schaltplan Nr.4 S.557 / Wiring diagram n.4 page 549

**2700K÷5700K**
- ○ F020GTLH001
- ● F020GTLH006
- ● F020GTLH012
- ● F020GTLH018
- ● F020GTLH030
- ● F020GTLH033

[2]**Tunable White Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.5 S.557 / Wiring diagram n.5 page 549

**2700K÷5700K**
- ○ F020HTLH001
- ● F020HTLH006
- ● F020HTLH012
- ● F020HTLH018
- ● F020HTLH030
- ● F020HTLH033

[3]**Tunable White Continous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.6 S.557 / Wiring diagram n.6 page 549

**2700K÷5700K**
- ○ F020JTLH001
- ● F020JTLH006
- ● F020JTLH012
- ● F020JTLH018
- ● F020JTLH030
- ● F020JTLH033

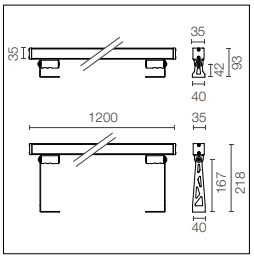
Photometric data on request.

[1]Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered).

[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 35 Easy L 1200




IP 66 | 2,90 Kg | IK 07 | LED INCL

Fernspeisung 24V und Einbauhalterungen separat zu bestellen. Dimmbare PWM-Geräte.
Sandgestrahltes Glas.

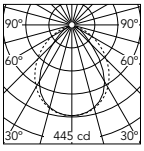
24V remote power supply and installation brackets to be ordered separately. Dimmable PWM luminaires.
Sandblasted glass.

**Mid-power Led:** 17,5W -1817 lm ≠ FIXT 761 lm - 2700K/CRI 80 - 24V / 17,5W - 1975 lm ≠ FIXT 827 lm - 3000K/CRI 80 - 24V / 17,5W - 2133 lm ≠ FIXT 894 lm - 4000K/CRI 80 - 24V

**[1]Standard** - Schaltplan Nr.1 S.548 / Wiring diagram n.1 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020G2MH001 | ○ F020G3MH001 | ○ F020G4MH001 |
| ● F020G2MH006 | ● F020G3MH006 | ● F020G4MH006 |
| ● F020G2MH012 | ● F020G3MH012 | ● F020G4MH012 |
| ● F020G2MH018 | ● F020G3MH018 | ● F020G4MH018 |
| ● F020G2MH030 | ● F020G3MH030 | ● F020G4MH030 |
| ● F020G2MH033 | ● F020G3MH033 | ● F020G4MH033 |

90° DIFFUSED




@4000K

| Beam Angle: | | 90° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 445 | 1.62 |
| 2 | 111 | 3.23 |
| 3 | 49 | 4.85 |
| 4 | 28 | 6.46 |
| 5 | 18 | 8.08 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.2 S.548 / Wiring diagram n.2 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020H2MH001 | ○ F020H3MH001 | ○ F020H4MH001 |
| ● F020H2MH006 | ● F020H3MH006 | ● F020H4MH006 |
| ● F020H2MH012 | ● F020H3MH012 | ● F020H4MH012 |
| ● F020H2MH018 | ● F020H3MH018 | ● F020H4MH018 |
| ● F020H2MH030 | ● F020H3MH030 | ● F020H4MH030 |
| ● F020H2MH033 | ● F020H3MH033 | ● F020H4MH033 |

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.3 S.548 / Wiring diagram n.3 page 548

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F020J2MH001 | ○ F020J3MH001 | ○ F020J4MH001 |
| ● F020J2MH006 | ● F020J3MH006 | ● F020J4MH006 |
| ● F020J2MH012 | ● F020J3MH012 | ● F020J4MH012 |
| ● F020J2MH018 | ● F020J3MH018 | ● F020J4MH018 |
| ● F020J2MH030 | ● F020J3MH030 | ● F020J4MH030 |
| ● F020J2MH033 | ● F020J3MH033 | ● F020J4MH033 |

## Outgraze 35 Easy L 1200 - Tunable White 2700K÷5700K

**Mid-power Led:** 17,5W - 909÷1146 lm ≠ FIXT 381÷480 lm - 2700K÷5700K/CRI 80 - 2CH x 24V

**[1]Tunable White Standard** - Schaltplan Nr.4 S.557 / Wiring diagram n.4 page 549

90° DIFFUSED

| 2700K÷5700K |
|---|
| ○ F020GTMH001 |
| ● F020GTMH006 |
| ● F020GTMH012 |
| ● F020GTMH018 |
| ● F020GTMH030 |
| ● F020GTMH033 |

**[2]Tunable White Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.5 S.557 / Wiring diagram n.5 page 549

| 2700K÷5700K |
|---|
| ○ F020HTMH001 |
| ● F020HTMH006 |
| ● F020HTMH012 |
| ● F020HTMH018 |
| ● F020HTMH030 |
| ● F020HTMH033 |

**[3]Tunable White Continous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.6 S.557 / Wiring diagram n.6 page 549

| 2700K÷5700K |
|---|
| ○ F020JTMH001 |
| ● F020JTMH006 |
| ● F020JTMH012 |
| ● F020JTMH018 |
| ● F020JTMH030 |
| ● F020JTMH033 |

Photometric data on request.

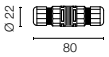
[1]Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered).

[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 35

### Zubehör für alle Versionen / Accessories for all versions

| | | | |
|---|---|---|---|
| Paar kurze Halterungen L 80 mm. | One pair of short brackets L 80 mm. | ○ F1203001<br>● F1203006<br>● F1203012<br>● F1203018<br>● F1203030<br>● F1203033 | |
| Paar lange Halterungen L 200 mm. | One pair of long brackets L 200 mm. | ○ F1204001<br>● F1204006<br>● F1204012<br>● F1204018<br>● F1204030<br>● F1204033 | |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 2 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C00A000 |   |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |

## Outgraze 35

### Zubehör für die Versionen Quick Install I H2O Stop und Continuous Line I/O H2O Stop / Accessories for Quick Install I H2O Stop and Continuous Line I/O H2O Stop versions

| | | | |
|---|---|---|---|
| 4-poliger Plug&Play-Steckverbinder. | Plug&play connector 4 poles. | F021Z010000 | |
| Doppelter 4-poliger Plug&Play-Steckverbinder + Kabel L 600 mm. | Double plug&play connector 4 poles + cable 600 mm lenght. | F021Z090000 | |
| 4-poliger Plug&Play-Steckverbinder + Kabel L 5000 mm. | Plug&play connector 4 poles + cable 5000 mm lenght. | F021Z100000 | |
| Kappe für Einbaustecker (auf dem Produkt), 4-5-polig. | Cap for panel (on the fixtures) plug connector 4-5 poles. | F021Z070000 | |

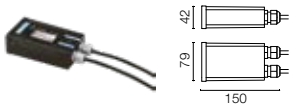
## Outgraze 35

### PWM-Schnittstelle (Dimmbarkeit) für die 48 V-Version / PWM interface (Dimming) for 48V version Netzgerät (48 V/240 V) für die Schnittstelle nicht inbegriffen, ist separat zu bestellen / Power supply 48V/240V for interface not included, to be ordered (cod.RF25753 or cod.RF25746)

| | | | |
|---|---|---|---|
| DALI-PWM-Steuerungsschnittstelle, 48Vdc, 120W, IP20. Netzgerät nicht inbegriffen. | DALI PWM control interface 48Vdc 120W IP20. Power supply not included. | F990B08A000 | |
| 1-10V-PWM-Steuerungsschnittstelle, 48Vdc, 120W, IP20. Netzgerät nicht inbegriffen. | 1-10V PWM control interface 48Vdc 120W IP20. Power supply not included. | F990B15A000 | |

## Outgraze 35

### Netzgerät für die 48 V-Version / Power supply for 48V version

| | | | |
|---|---|---|---|
| Netzgerät 48V 60W / 110-240V IP67 Klasse II selv eq. | Power supply 48V 60W / 110-240V IP67 Class II selv eq. | RF25753 |  |
| Netzgerät 48V 240W / 110-240V Einfacher Ausgang DIN RAIL. | Power supply 48V 240W / 110-240V single output DIN RAIL. | RF25746 | |

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | | L 300 | L 600 | L 900 | L 1200 |
|---|---|---|---|---|---|---|
| | | Acc. RF25753 | 8 | 4 | 2 | 2 |
| | | Acc. RF25746 | 32 | 16 | 10 | 8 |

## Outgraze 35

### PWM-Schnittstelle (Dimmbarkeit) für die 24 V-Version / PWM interface (Dimming) for 24V version Netzgerät (24 V/240 V) für die Schnittstelle nicht inbegriffen, ist separat zu bestellen / Power supply 24V/240V for interface not included, to be ordered (cod.RF25755, cod.RF25749 or cod.RF25756)

| | | | |
|---|---|---|---|
| DALI-PWM-Steuerungsschnittstelle, 24Vdc, 120W, IP20. Netzgerät nicht inbegriffen. | DALI PWM control interface 24Vdc 120W IP20. Power supply not included. | F990B07A000 | |
| 1-10V-PWM-Steuerungsschnittstelle, 24Vdc, 120W, IP20. Netzgerät nicht inbegriffen. | 1-10V PWM control interface 24Vdc 120W IP20. Power supply not included. | F990B14A000 | |

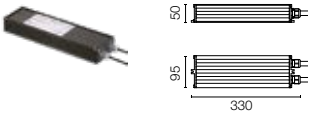
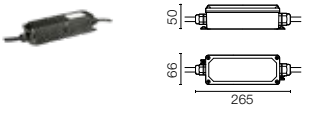
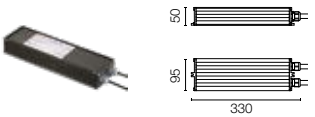
## Outgraze 35

### PWM-Schnittstelle für die 24 V-Tunable White-Version / PWM interface for 24V Tunable White version Netzgerät (24 V/240 V) für die Schnittstelle nicht inbegriffen, ist separat zu bestellen / Power supply 24V/240V for interface not included, to be ordered (cod.RF25755, cod.RF25749 or cod.RF25756)

| | | | |
|---|---|---|---|
| DALI-PWM-Steuerungsschnittstelle, 24Vdc, 90W, IP20. Netzgerät nicht inbegriffen. | DALI PWM control interface 24Vdc 90W IP20. Power supply not included. | F990B09A000 | |

## Outgraze 35

### Netzgerät für die 24 V-Version / Power supply for 24V version

| | | | |
|---|---|---|---|
| Netzgerät für den Ferneinbau 24V DC 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24V DC 50W / 120-240V IP67 Class II selv. | *RF25755 |  |
| Netzgerät für den Ferneinbau 24V DC 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24V DC 70W / 220-240V IP67 Class II selv. | *RF25749 |  |
| Netzgerät für den Ferneinbau 24V DC 96W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24V DC 96W / 120-240V IP67 Class II selv. | *RF25756 |  |

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

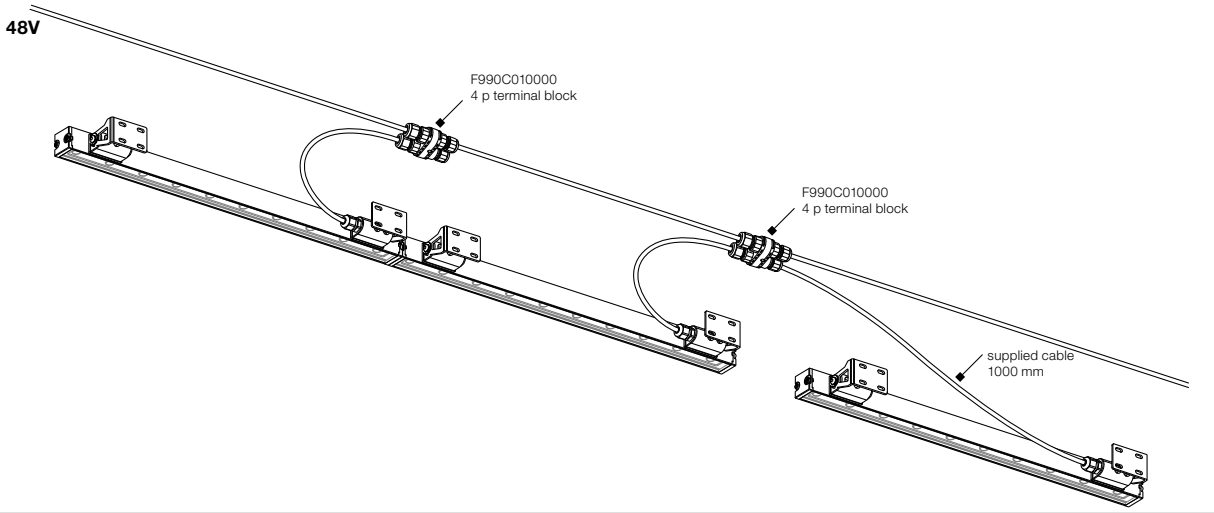
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | | L 300 | L 600 | L 900 | L 1200 |
|---|---|---|---|---|---|---|
| | | Acc. RF25755 | 6 | 3 | 2 | 2 |
| | | Acc. RF25749 | 8 | 5 | 3 | 3 |
| | | Acc. RF25756 | 12 | 6 | 4 | 3 |

## Outgraze 35

## 48V versions

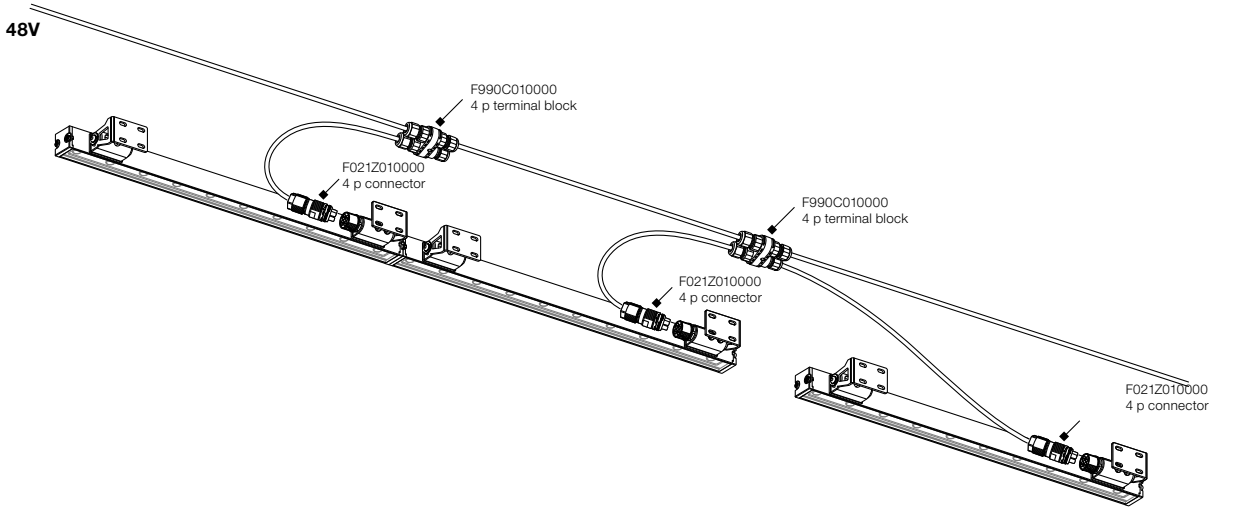
**Schaltplan Nr.1 / Wiring diagram n.1**

**Standard:** Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered)



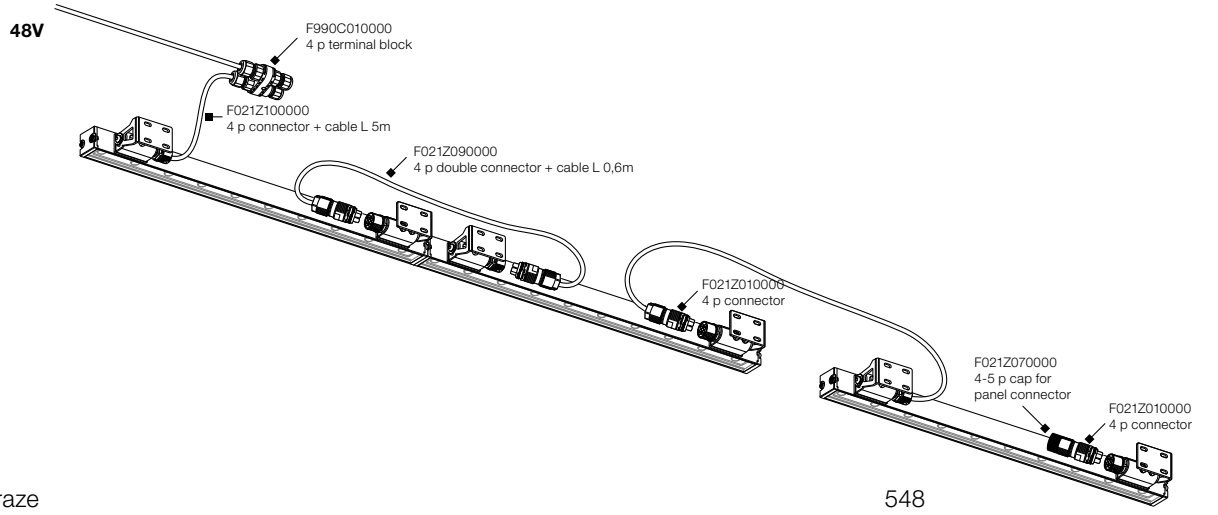

**Schaltplan Nr.2 / Wiring diagram n.2**

**Quick Install I H2O Stop Fast Connect Version:** Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately)



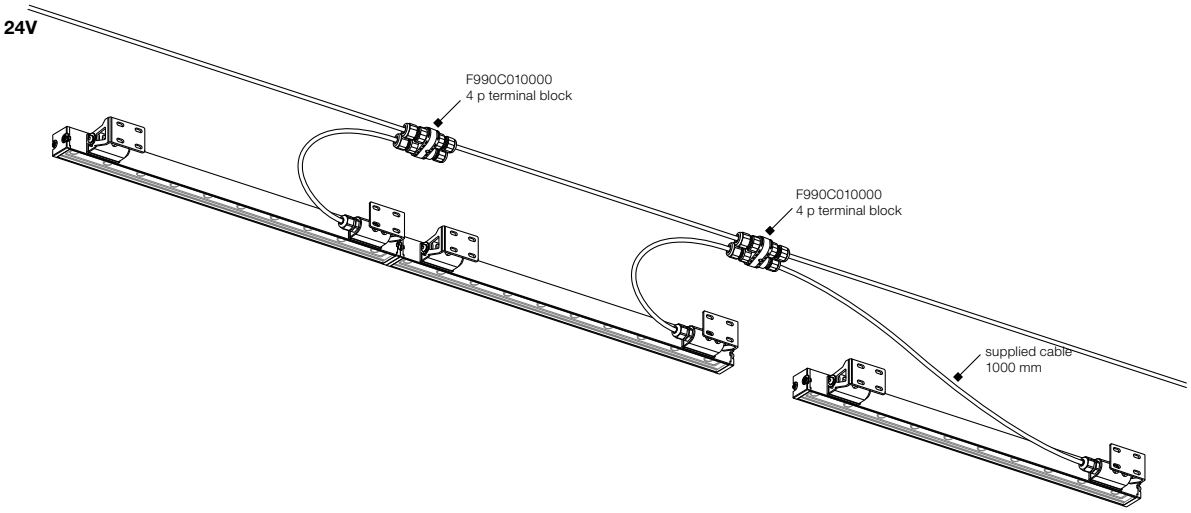

**Schaltplan Nr.3 / Wiring diagram n.3**

**Continous Line I/O H2O Stop Fast Connect:** Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately)



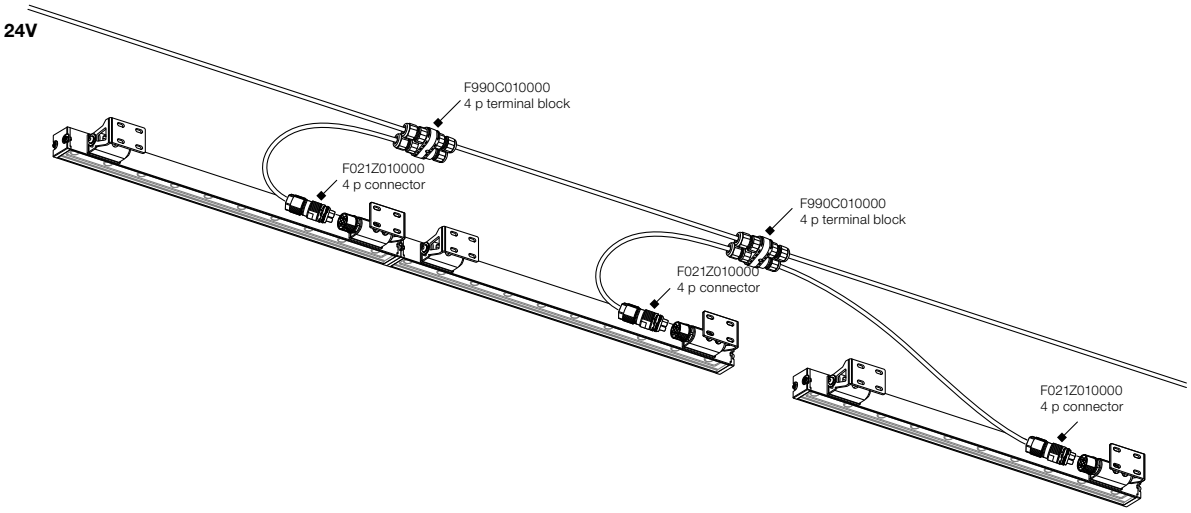
**Schaltplan Nr.4 / Wiring diagram n.4**

**Standard:** Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered)



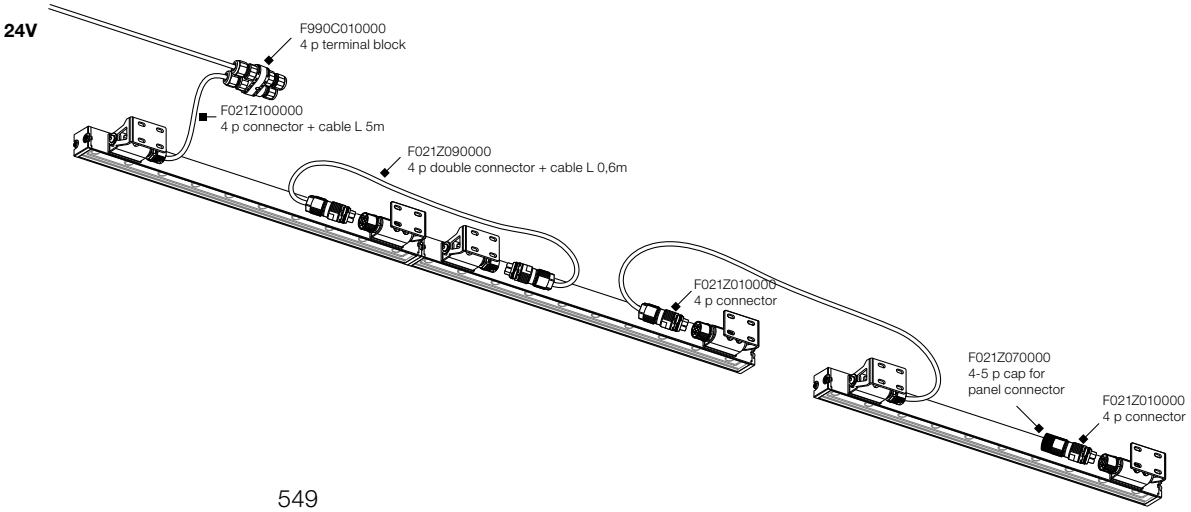

**Schaltplan Nr.5 / Wiring diagram n.5**

**Quick Install I H2O Stop Fast Connect:** Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately)

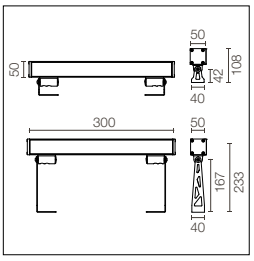



**Schaltplan Nr.6 / Wiring diagram n.6**

**Continous Line I/O H2O Stop Fast Connect:** Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately)



## Outgraze 50 L 300 - Non Dimmable




IP 66 · IK 07 · 2,55 Kg · LED INCL

Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. SMART-Version auf Anfrage verfügbar (Leistung 6W - Fluss - 30% lm).

Integrated 220/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. SMART version available upon request (power 6W-flux-30% lm).

**Power Led:** 8W - 835 lm ≠ *FIXT 685 lm - 2700K/CRI 80 - 220-240V / 8W - 864 lm ≠ *FIXT 709 lm - 3000K/CRI 80 - 220-240V / 8W - 894 lm ≠ *FIXT 734 lm - 4000K/CRI 80 -220-240V
*FIXT lm = Medium Optic

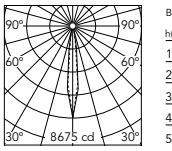
**[1]Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A21A001 | ○ F021A31A001 | ○ F021A41A001 |
| F021A21A006 | F021A31A006 | F021A41A006 |
| F021A21A012 | F021A31A012 | F021A41A012 |
| F021A21A018 | F021A31A018 | F021A41A018 |
| F021A21A030 | F021A31A030 | F021A41A030 |
| F021A21A033 | F021A31A033 | F021A41A033 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B21A001 | ○ F021B31A001 | ○ F021B41A001 |
| F021B21A006 | F021B31A006 | F021B41A006 |
| F021B21A012 | F021B31A012 | F021B41A012 |
| F021B21A018 | F021B31A018 | F021B41A018 |
| F021B21A030 | F021B31A030 | F021B41A030 |
| F021B21A033 | F021B31A033 | F021B41A033 |

13° SPOT




@4000K

| Beam Angle: | 13° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 8675 | 0.25 |
| 2 | 2169 | 0.49 |
| 3 | 964 | 0.74 |
| 4 | 542 | 0.98 |
| 5 | 347 | 1.23 |

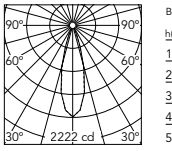
**[1]Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A25A001 | ○ F021A35A001 | ○ F021A45A001 |
| F021A25A006 | F021A35A006 | F021A45A006 |
| F021A25A012 | F021A35A012 | F021A45A012 |
| F021A25A018 | F021A35A018 | F021A45A018 |
| F021A25A030 | F021A35A030 | F021A45A030 |
| F021A25A033 | F021A35A033 | F021A45A033 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B25A001 | ○ F021B35A001 | ○ F021B45A001 |
| F021B25A006 | F021B35A006 | F021B45A006 |
| F021B25A012 | F021B35A012 | F021B45A012 |
| F021B25A018 | F021B35A018 | F021B45A018 |
| F021B25A030 | F021B35A030 | F021B45A030 |
| F021B25A033 | F021B35A033 | F021B45A033 |

29° MEDIUM




@4000K

| Beam Angle: | 29° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 2222 | 0.52 |
| 2 | 555 | 1.04 |
| 3 | 247 | 1.56 |
| 4 | 139 | 2.08 |
| 5 | 89 | 2.60 |

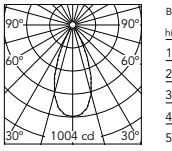
**[1]Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A2AA001 | ○ F021A3AA001 | ○ F021A4AA001 |
| F021A2AA006 | F021A3AA006 | F021A4AA006 |
| F021A2AA012 | F021A3AA012 | F021A4AA012 |
| F021A2AA018 | F021A3AA018 | F021A4AA018 |
| F021A2AA030 | F021A3AA030 | F021A4AA030 |
| F021A2AA033 | F021A3AA033 | F021A4AA033 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2AA001 | ○ F021B3AA001 | ○ F021B4AA001 |
| F021B2AA006 | F021B3AA006 | F021B4AA006 |
| F021B2AA012 | F021B3AA012 | F021B4AA012 |
| F021B2AA018 | F021B3AA018 | F021B4AA018 |
| F021B2AA030 | F021B3AA030 | F021B4AA030 |
| F021B2AA033 | F021B3AA033 | F021B4AA033 |

44° FLOOD




@4000K

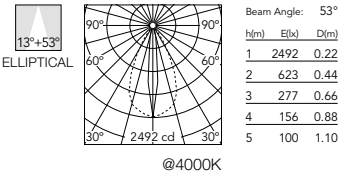
| Beam Angle: | 44° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 1004 | 0.81 |
| 2 | 251 | 1.63 |
| 3 | 112 | 2.44 |
| 4 | 63 | 3.26 |
| 5 | 40 | 4.07 |

[1]Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered).

[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[1]**Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A2EA001 | ○ F021A3EA001 | ○ F021A4EA001 |
| ● F021A2EA006 | ● F021A3EA006 | ● F021A4EA006 |
| ● F021A2EA012 | ● F021A3EA012 | ● F021A4EA012 |
| ● F021A2EA018 | ● F021A3EA018 | ● F021A4EA018 |
| ● F021A2EA030 | ● F021A3EA030 | ● F021A4EA030 |
| ● F021A2EA033 | ● F021A3EA033 | ● F021A4EA033 |




Beam Angle: 53°

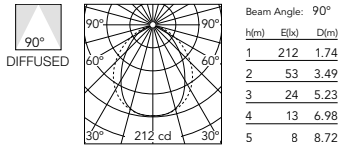
| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 2492 | 0.22 |
| 2 | 623 | 0.44 |
| 3 | 277 | 0.66 |
| 4 | 156 | 0.88 |
| 5 | 100 | 1.10 |

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2EA001 | ○ F021B3EA001 | ○ F021B4EA001 |
| ● F021B2EA006 | ● F021B3EA006 | ● F021B4EA006 |
| ● F021B2EA012 | ● F021B3EA012 | ● F021B4EA012 |
| ● F021B2EA018 | ● F021B3EA018 | ● F021B4EA018 |
| ● F021B2EA030 | ● F021B3EA030 | ● F021B4EA030 |
| ● F021B2EA033 | ● F021B3EA033 | ● F021B4EA033 |

[1]**Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A2JA001 | ○ F021A3JA001 | ○ F021A4JA001 |
| ● F021A2JA006 | ● F021A3JA006 | ● F021A4JA006 |
| ● F021A2JA012 | ● F021A3JA012 | ● F021A4JA012 |
| ● F021A2JA018 | ● F021A3JA018 | ● F021A4JA018 |
| ● F021A2JA030 | ● F021A3JA030 | ● F021A4JA030 |
| ● F021A2JA033 | ● F021A3JA033 | ● F021A4JA033 |



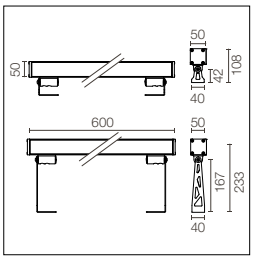

Beam Angle: 90°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 212 | 1.74 |
| 2 | 53 | 3.49 |
| 3 | 24 | 5.23 |
| 4 | 13 | 6.98 |
| 5 | 8 | 8.72 |

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2JA001 | ○ F021B3JA001 | ○ F021B4JA001 |
| ● F021B2JA006 | ● F021B3JA006 | ● F021B4JA006 |
| ● F021B2JA012 | ● F021B3JA012 | ● F021B4JA012 |
| ● F021B2JA018 | ● F021B3JA018 | ● F021B4JA018 |
| ● F021B2JA030 | ● F021B3JA030 | ● F021B4JA030 |
| ● F021B2JA033 | ● F021B3JA033 | ● F021B4JA033 |

## Outgraze 50 L 600 - Non Dimmable




IK 07 | IP 66 | 2,55 Kg | LED INCL

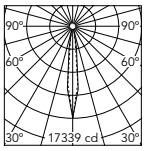
Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. SMART-Version auf Anfrage verfügbar (Leistung 10,5W - Fluss - 30% lm).

Integrated 220/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. SMART version available upon request (power 10,5W - flux -30% lm).

**Power Led:** 14,5W - 1669 lm ≠ *FIXT 1369 lm - 2700K/CRI 80 - 220-240V /14,5W - 1729 lm ≠ *FIXT 1418 lm - 3000K/CRI 80 - 220-240V / 14,5W - 1788 lm ≠ *FIXT 1467 lm - 4000K/CRI 80 -220-240V
*FIXT lm = Medium Optic

**[1]Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A22A001 | ○ F021A32A001 | ○ F021A42A001 |
| ● F021A22A006 | ● F021A32A006 | ● F021A42A006 |
| ● F021A22A012 | ● F021A32A012 | ● F021A42A012 |
| ● F021A22A018 | ● F021A32A018 | ● F021A42A018 |
| ● F021A22A030 | ● F021A32A030 | ● F021A42A030 |
| ● F021A22A033 | ● F021A32A033 | ● F021A42A033 |




@4000K

| Beam Angle: | 13° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 17339 | 0.25 |
| 2 | 4335 | 0.49 |
| 3 | 1927 | 0.74 |
| 4 | 1084 | 0.98 |
| 5 | 694 | 1.23 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

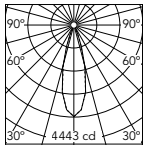
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B22A001 | ○ F021B32A001 | ○ F021B42A001 |
| ● F021B22A006 | ● F021B32A006 | ● F021B42A006 |
| ● F021B22A012 | ● F021B32A012 | ● F021B42A012 |
| ● F021B22A018 | ● F021B32A018 | ● F021B42A018 |
| ● F021B22A030 | ● F021B32A030 | ● F021B42A030 |
| ● F021B22A033 | ● F021B32A033 | ● F021B42A033 |

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C22A001 | ○ F021C32A001 | ○ F021C42A001 |
| ● F021C22A006 | ● F021C32A006 | ● F021C42A006 |
| ● F021C22A012 | ● F021C32A012 | ● F021C42A012 |
| ● F021C22A018 | ● F021C32A018 | ● F021C42A018 |
| ● F021C22A030 | ● F021C32A030 | ● F021C42A030 |
| ● F021C22A033 | ● F021C32A033 | ● F021C42A033 |

**[1]Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A26A001 | ○ F021A36A001 | ○ F021A46A001 |
| ● F021A26A006 | ● F021A36A006 | ● F021A46A006 |
| ● F021A26A012 | ● F021A36A012 | ● F021A46A012 |
| ● F021A26A018 | ● F021A36A018 | ● F021A46A018 |
| ● F021A26A030 | ● F021A36A030 | ● F021A46A030 |
| ● F021A26A033 | ● F021A36A033 | ● F021A46A033 |




@4000K

| Beam Angle: | 29° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 4443 | 0.52 |
| 2 | 1111 | 1.04 |
| 3 | 494 | 1.56 |
| 4 | 278 | 2.08 |
| 5 | 178 | 2.60 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B26A001 | ○ F021B36A001 | ○ F021B46A001 |
| ● F021B26A006 | ● F021B36A006 | ● F021B46A006 |
| ● F021B26A012 | ● F021B36A012 | ● F021B46A012 |
| ● F021B26A018 | ● F021B36A018 | ● F021B46A018 |
| ● F021B26A030 | ● F021B36A030 | ● F021B46A030 |
| ● F021B26A033 | ● F021B36A033 | ● F021B46A033 |

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C26A001 | ○ F021C36A001 | ○ F021C46A001 |
| ● F021C26A006 | ● F021C36A006 | ● F021C46A006 |
| ● F021C26A012 | ● F021C36A012 | ● F021C46A012 |
| ● F021C26A018 | ● F021C36A018 | ● F021C46A018 |
| ● F021C26A030 | ● F021C36A030 | ● F021C46A030 |
| ● F021C26A033 | ● F021C36A033 | ● F021C46A033 |

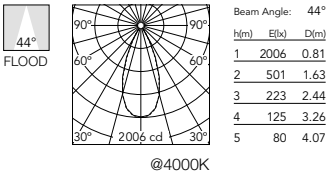
[1]Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered).

[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

[1]**Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A2BA001 | ○ F021A3BA001 | ○ F021A4BA001 |
| ● F021A2BA006 | ● F021A3BA006 | ● F021A4BA006 |
| ● F021A2BA012 | ● F021A3BA012 | ● F021A4BA012 |
| ● F021A2BA018 | ● F021A3BA018 | ● F021A4BA018 |
| ● F021A2BA030 | ● F021A3BA030 | ● F021A4BA030 |
| ● F021A2BA033 | ● F021A3BA033 | ● F021A4BA033 |




[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

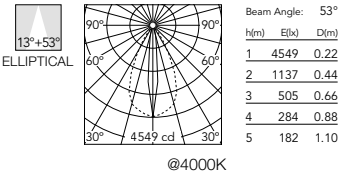
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2BA001 | ○ F021B3BA001 | ○ F021B4BA001 |
| ● F021B2BA006 | ● F021B3BA006 | ● F021B4BA006 |
| ● F021B2BA012 | ● F021B3BA012 | ● F021B4BA012 |
| ● F021B2BA018 | ● F021B3BA018 | ● F021B4BA018 |
| ● F021B2BA030 | ● F021B3BA030 | ● F021B4BA030 |
| ● F021B2BA033 | ● F021B3BA033 | ● F021B4BA033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2BA001 | ○ F021C3BA001 | ○ F021C4BA001 |
| ● F021C2BA006 | ● F021C3BA006 | ● F021C4BA006 |
| ● F021C2BA012 | ● F021C3BA012 | ● F021C4BA012 |
| ● F021C2BA018 | ● F021C3BA018 | ● F021C4BA018 |
| ● F021C2BA030 | ● F021C3BA030 | ● F021C4BA030 |
| ● F021C2BA033 | ● F021C3BA033 | ● F021C4BA033 |

[1]**Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A2FA001 | ○ F021A3FA001 | ○ F021A4FA001 |
| ● F021A2FA006 | ● F021A3FA006 | ● F021A4FA006 |
| ● F021A2FA012 | ● F021A3FA012 | ● F021A4FA012 |
| ● F021A2FA018 | ● F021A3FA018 | ● F021A4FA018 |
| ● F021A2FA030 | ● F021A3FA030 | ● F021A4FA030 |
| ● F021A2FA033 | ● F021A3FA033 | ● F021A4FA033 |




[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

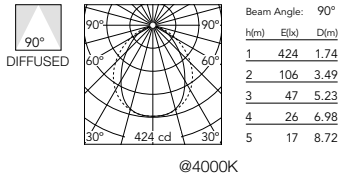
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2FA001 | ○ F021B3FA001 | ○ F021B4FA001 |
| ● F021B2FA006 | ● F021B3FA006 | ● F021B4FA006 |
| ● F021B2FA012 | ● F021B3FA012 | ● F021B4FA012 |
| ● F021B2FA018 | ● F021B3FA018 | ● F021B4FA018 |
| ● F021B2FA030 | ● F021B3FA030 | ● F021B4FA030 |
| ● F021B2FA033 | ● F021B3FA033 | ● F021B4FA033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2FA001 | ○ F021C3FA001 | ○ F021C4FA001 |
| ● F021C2FA006 | ● F021C3FA006 | ● F021C4FA006 |
| ● F021C2FA012 | ● F021C3FA012 | ● F021C4FA012 |
| ● F021C2FA018 | ● F021C3FA018 | ● F021C4FA018 |
| ● F021C2FA030 | ● F021C3FA030 | ● F021C4FA030 |
| ● F021C2FA033 | ● F021C3FA033 | ● F021C4FA033 |

[1]**Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A2KA001 | ○ F021A3KA001 | ○ F021A4KA001 |
| ● F021A2KA006 | ● F021A3KA006 | ● F021A4KA006 |
| ● F021A2KA012 | ● F021A3KA012 | ● F021A4KA012 |
| ● F021A2KA018 | ● F021A3KA018 | ● F021A4KA018 |
| ● F021A2KA030 | ● F021A3KA030 | ● F021A4KA030 |
| ● F021A2KA033 | ● F021A3KA033 | ● F021A4KA033 |



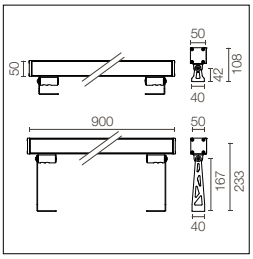

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2KA001 | ○ F021B3KA001 | ○ F021B4KA001 |
| ● F021B2KA006 | ● F021B3KA006 | ● F021B4KA006 |
| ● F021B2KA012 | ● F021B3KA012 | ● F021B4KA012 |
| ● F021B2KA018 | ● F021B3KA018 | ● F021B4KA018 |
| ● F021B2KA030 | ● F021B3KA030 | ● F021B4KA030 |
| ● F021B2KA033 | ● F021B3KA033 | ● F021B4KA033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2KA001 | ○ F021C3KA001 | ○ F021C4KA001 |
| ● F021C2KA006 | ● F021C3KA006 | ● F021C4KA006 |
| ● F021C2KA012 | ● F021C3KA012 | ● F021C4KA012 |
| ● F021C2KA018 | ● F021C3KA018 | ● F021C4KA018 |
| ● F021C2KA030 | ● F021C3KA030 | ● F021C4KA030 |
| ● F021C2KA033 | ● F021C3KA033 | ● F021C4KA033 |

## Outgraze 50 L 900 - Non Dimmable




IK 07 | IP 66 | 3,30 Kg | LED INCL

Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. SMART-Version auf Anfrage verfügbar (Leistung 15,5W - Fluss - 30% lm).

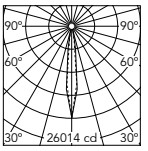
Integrated 220/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. SMART version available upon request (power 15,5W - flux -30% lm).

**Power Led:** 20W - 2504 lm ≠ *FIXT 2054 lm - 2700K/CRI 80 - 220-240V / 20W - 2593 lm ≠ *FIXT 2127 lm - 3000K/CRI 80 - 220-240V / 20W - 2683 lm ≠ *FIXT 2201 lm - 4000K/CRI 80 -220-240V
*FIXT lm = Medium Optic

**[1]Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A23A001 | ○ F021A33A001 | ○ F021A43A001 |
| ● F021A23A006 | ● F021A33A006 | ● F021A43A006 |
| ● F021A23A012 | ● F021A33A012 | ● F021A43A012 |
| ● F021A23A018 | ● F021A33A018 | ● F021A43A018 |
| ● F021A23A030 | ● F021A33A030 | ● F021A43A030 |
| ● F021A23A033 | ● F021A33A033 | ● F021A43A033 |

13° SPOT




@4000K

| Beam Angle: | 13° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 26014 | 0.25 |
| 2 | 6504 | 0.49 |
| 3 | 2890 | 0.74 |
| 4 | 1626 | 0.98 |
| 5 | 1041 | 1.23 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B23A001 | ○ F021B33A001 | ○ F021B43A001 |
| ● F021B23A006 | ● F021B33A006 | ● F021B43A006 |
| ● F021B23A012 | ● F021B33A012 | ● F021B43A012 |
| ● F021B23A018 | ● F021B33A018 | ● F021B43A018 |
| ● F021B23A030 | ● F021B33A030 | ● F021B43A030 |
| ● F021B23A033 | ● F021B33A033 | ● F021B43A033 |

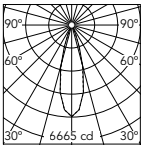
**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C23A001 | ○ F021C33A001 | ○ F021C43A001 |
| ● F021C23A006 | ● F021C33A006 | ● F021C43A006 |
| ● F021C23A012 | ● F021C33A012 | ● F021C43A012 |
| ● F021C23A018 | ● F021C33A018 | ● F021C43A018 |
| ● F021C23A030 | ● F021C33A030 | ● F021C43A030 |
| ● F021C23A033 | ● F021C33A033 | ● F021C43A033 |

**[1]Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A27A001 | ○ F021A37A001 | ○ F021A47A001 |
| ● F021A27A006 | ● F021A37A006 | ● F021A47A006 |
| ● F021A27A012 | ● F021A37A012 | ● F021A47A012 |
| ● F021A27A018 | ● F021A37A018 | ● F021A47A018 |
| ● F021A27A030 | ● F021A37A030 | ● F021A47A030 |
| ● F021A27A033 | ● F021A37A033 | ● F021A47A033 |

29° MEDIUM




@4000K

| Beam Angle: | 29° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 6665 | 0.52 |
| 2 | 1666 | 1.04 |
| 3 | 741 | 1.56 |
| 4 | 417 | 2.08 |
| 5 | 267 | 2.60 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B27A001 | ○ F021B37A001 | ○ F021B47A001 |
| ● F021B27A006 | ● F021B37A006 | ● F021B47A006 |
| ● F021B27A012 | ● F021B37A012 | ● F021B47A012 |
| ● F021B27A018 | ● F021B37A018 | ● F021B47A018 |
| ● F021B27A030 | ● F021B37A030 | ● F021B47A030 |
| ● F021B27A033 | ● F021B37A033 | ● F021B47A033 |

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C27A001 | ○ F021C37A001 | ○ F021C47A001 |
| ● F021C27A006 | ● F021C37A006 | ● F021C47A006 |
| ● F021C27A012 | ● F021C37A012 | ● F021C47A012 |
| ● F021C27A018 | ● F021C37A018 | ● F021C47A018 |
| ● F021C27A030 | ● F021C37A030 | ● F021C47A030 |
| ● F021C27A033 | ● F021C37A033 | ● F021C47A033 |

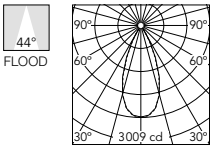
[1]Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered).

[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

[1]**Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A2CA001 | ○ F021A3CA001 | ○ F021A4CA001 |
| ● F021A2CA006 | ● F021A3CA006 | ● F021A4CA006 |
| ● F021A2CA012 | ● F021A3CA012 | ● F021A4CA012 |
| ● F021A2CA018 | ● F021A3CA018 | ● F021A4CA018 |
| ● F021A2CA030 | ● F021A3CA030 | ● F021A4CA030 |
| ● F021A2CA033 | ● F021A3CA033 | ● F021A4CA033 |




| Beam Angle: | 44° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 3009 0.81 |
| 2 | 752 1.63 |
| 3 | 334 2.44 |
| 4 | 188 3.26 |
| 5 | 120 4.07 |

@4000K

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

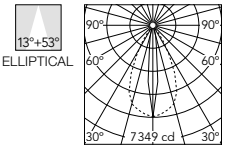
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2CA001 | ○ F021B3CA001 | ○ F021B4CA001 |
| ● F021B2CA006 | ● F021B3CA006 | ● F021B4CA006 |
| ● F021B2CA012 | ● F021B3CA012 | ● F021B4CA012 |
| ● F021B2CA018 | ● F021B3CA018 | ● F021B4CA018 |
| ● F021B2CA030 | ● F021B3CA030 | ● F021B4CA030 |
| ● F021B2CA033 | ● F021B3CA033 | ● F021B4CA033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2CA001 | ○ F021C3CA001 | ○ F021C4CA001 |
| ● F021C2CA006 | ● F021C3CA006 | ● F021C4CA006 |
| ● F021C2CA012 | ● F021C3CA012 | ● F021C4CA012 |
| ● F021C2CA018 | ● F021C3CA018 | ● F021C4CA018 |
| ● F021C2CA030 | ● F021C3CA030 | ● F021C4CA030 |
| ● F021C2CA033 | ● F021C3CA033 | ● F021C4CA033 |

[1]**Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A2GA001 | ○ F021A3GA001 | ○ F021A4GA001 |
| ● F021A2GA006 | ● F021A3GA006 | ● F021A4GA006 |
| ● F021A2GA012 | ● F021A3GA012 | ● F021A4GA012 |
| ● F021A2GA018 | ● F021A3GA018 | ● F021A4GA018 |
| ● F021A2GA030 | ● F021A3GA030 | ● F021A4GA030 |
| ● F021A2GA033 | ● F021A3GA033 | ● F021A4GA033 |




| Beam Angle: | 53° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 7349 0.22 |
| 2 | 1837 0.44 |
| 3 | 817 0.66 |
| 4 | 459 0.88 |
| 5 | 294 1.10 |

@4000K

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

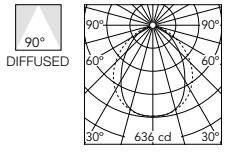
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2GA001 | ○ F021B3GA001 | ○ F021B4GA001 |
| ● F021B2GA006 | ● F021B3GA006 | ● F021B4GA006 |
| ● F021B2GA012 | ● F021B3GA012 | ● F021B4GA012 |
| ● F021B2GA018 | ● F021B3GA018 | ● F021B4GA018 |
| ● F021B2GA030 | ● F021B3GA030 | ● F021B4GA030 |
| ● F021B2GA033 | ● F021B3GA033 | ● F021B4GA033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2GA001 | ○ F021C3GA001 | ○ F021C4GA001 |
| ● F021C2GA006 | ● F021C3GA006 | ● F021C4GA006 |
| ● F021C2GA012 | ● F021C3GA012 | ● F021C4GA012 |
| ● F021C2GA018 | ● F021C3GA018 | ● F021C4GA018 |
| ● F021C2GA030 | ● F021C3GA030 | ● F021C4GA030 |
| ● F021C2GA033 | ● F021C3GA033 | ● F021C4GA033 |

[1]**Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A2LA001 | ○ F021A3LA001 | ○ F021A4LA001 |
| ● F021A2LA006 | ● F021A3LA006 | ● F021A4LA006 |
| ● F021A2LA012 | ● F021A3LA012 | ● F021A4LA012 |
| ● F021A2LA018 | ● F021A3LA018 | ● F021A4LA018 |
| ● F021A2LA030 | ● F021A3LA030 | ● F021A4LA030 |
| ● F021A2LA033 | ● F021A3LA033 | ● F021A4LA033 |




| Beam Angle: | 90° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 636 1.74 |
| 2 | 159 3.49 |
| 3 | 71 5.23 |
| 4 | 40 6.98 |
| 5 | 25 8.72 |

@4000K

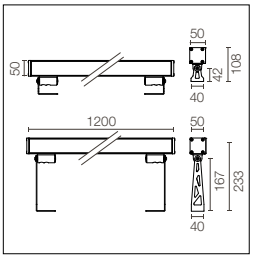
[2]**Quick Install I H2O Stop -Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2LA001 | ○ F021B3LA001 | ○ F021B4LA001 |
| ● F021B2LA006 | ● F021B3LA006 | ● F021B4LA006 |
| ● F021B2LA012 | ● F021B3LA012 | ● F021B4LA012 |
| ● F021B2LA018 | ● F021B3LA018 | ● F021B4LA018 |
| ● F021B2LA030 | ● F021B3LA030 | ● F021B4LA030 |
| ● F021B2LA033 | ● F021B3LA033 | ● F021B4LA033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2LA001 | ○ F021C3LA001 | ○ F021C4LA001 |
| ● F021C2LA006 | ● F021C3LA006 | ● F021C4LA006 |
| ● F021C2LA012 | ● F021C3LA012 | ● F021C4LA012 |
| ● F021C2LA018 | ● F021C3LA018 | ● F021C4LA018 |
| ● F021C2LA030 | ● F021C3LA030 | ● F021C4LA030 |
| ● F021C2LA033 | ● F021C3LA033 | ● F021C4LA033 |

## Outgraze 50 L 1200 - Non Dimmable




IP 66 | IK 07 | 4,31 Kg | LED INCL.

Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. SMART-Version auf Anfrage verfügbar (Leistung 18,5W - Fluss - 30% lm).

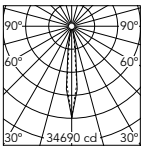
Integrated 220/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. SMART version available upon request (power 18,5W - flux -30% lm).

**Power Led:** 27W - 3338 lm ≠ *FIXT 2739 lm - 2700K/CRI 80 - 220-240V / 27W - 3458 lm ≠ *FIXT 2836 lm - 3000K/CRI 80 - 220-240V / 27W - 3577 lm ≠ *FIXT 2934 lm - 4000K/CRI 80 -220-240V
*FIXT lm = Medium Optic

**[1]Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A24A001 | ○ F021A34A001 | ○ F021A44A001 |
| ● F021A24A006 | ● F021A34A006 | ● F021A44A006 |
| ● F021A24A012 | ● F021A34A012 | ● F021A44A012 |
| ● F021A24A018 | ● F021A34A018 | ● F021A44A018 |
| ● F021A24A030 | ● F021A34A030 | ● F021A44A030 |
| ● F021A24A033 | ● F021A34A033 | ● F021A44A033 |

13° SPOT




@4000K

| Beam Angle: | 13° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 34690 | 0.25 |
| 2 | 8672 | 0.49 |
| 3 | 3854 | 0.74 |
| 4 | 2168 | 0.98 |
| 5 | 1388 | 1.23 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B24A001 | ○ F021B34A001 | ○ F021B44A001 |
| ● F021B24A006 | ● F021B34A006 | ● F021B44A006 |
| ● F021B24A012 | ● F021B34A012 | ● F021B44A012 |
| ● F021B24A018 | ● F021B34A018 | ● F021B44A018 |
| ● F021B24A030 | ● F021B34A030 | ● F021B44A030 |
| ● F021B24A033 | ● F021B34A033 | ● F021B44A033 |

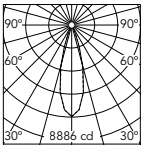
**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C24A001 | ○ F021C34A001 | ○ F021C44A001 |
| ● F021C24A006 | ● F021C34A006 | ● F021C44A006 |
| ● F021C24A012 | ● F021C34A012 | ● F021C44A012 |
| ● F021C24A018 | ● F021C34A018 | ● F021C44A018 |
| ● F021C24A030 | ● F021C34A030 | ● F021C44A030 |
| ● F021C24A033 | ● F021C34A033 | ● F021C44A033 |

**[1]Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A28A001 | ○ F021A38A001 | ○ F021A48A001 |
| ● F021A28A006 | ● F021A38A006 | ● F021A48A006 |
| ● F021A28A012 | ● F021A38A012 | ● F021A48A012 |
| ● F021A28A018 | ● F021A38A018 | ● F021A48A018 |
| ● F021A28A030 | ● F021A38A030 | ● F021A48A030 |
| ● F021A28A033 | ● F021A38A033 | ● F021A48A033 |

29° MEDIUM




@4000K

| Beam Angle: | 29° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 8886 | 0.52 |
| 2 | 2222 | 1.04 |
| 3 | 987 | 1.56 |
| 4 | 555 | 2.08 |
| 5 | 355 | 2.60 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B28A001 | ○ F021B38A001 | ○ F021B48A001 |
| ● F021B28A006 | ● F021B38A006 | ● F021B48A006 |
| ● F021B28A012 | ● F021B38A012 | ● F021B48A012 |
| ● F021B28A018 | ● F021B38A018 | ● F021B48A018 |
| ● F021B28A030 | ● F021B38A030 | ● F021B48A030 |
| ● F021B28A033 | ● F021B38A033 | ● F021B48A033 |

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C28A001 | ○ F021C38A001 | ○ F021C48A001 |
| ● F021C28A006 | ● F021C38A006 | ● F021C48A006 |
| ● F021C28A012 | ● F021C38A012 | ● F021C48A012 |
| ● F021C28A018 | ● F021C38A018 | ● F021C48A018 |
| ● F021C28A030 | ● F021C38A030 | ● F021C48A030 |
| ● F021C28A033 | ● F021C38A033 | ● F021C48A033 |

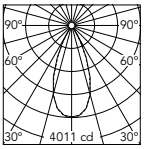
[1]Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered).

[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

[1]**Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A2DA001 | ○ F021A3DA001 | ○ F021A4DA001 |
| ● F021A2DA006 | ● F021A3DA006 | ● F021A4DA006 |
| ● F021A2DA012 | ● F021A3DA012 | ● F021A4DA012 |
| ● F021A2DA018 | ● F021A3DA018 | ● F021A4DA018 |
| ● F021A2DA030 | ● F021A3DA030 | ● F021A4DA030 |
| ● F021A2DA033 | ● F021A3DA033 | ● F021A4DA033 |




| Beam Angle: | 44° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 4011 0.81 |
| 2 | 1003 1.63 |
| 3 | 446 2.44 |
| 4 | 251 3.26 |
| 5 | 160 4.07 |

@4000K

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

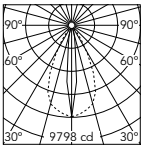
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2DA001 | ○ F021B3DA001 | ○ F021B4DA001 |
| ● F021B2DA006 | ● F021B3DA006 | ● F021B4DA006 |
| ● F021B2DA012 | ● F021B3DA012 | ● F021B4DA012 |
| ● F021B2DA018 | ● F021B3DA018 | ● F021B4DA018 |
| ● F021B2DA030 | ● F021B3DA030 | ● F021B4DA030 |
| ● F021B2DA033 | ● F021B3DA033 | ● F021B4DA033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2DA001 | ○ F021C3DA001 | ○ F021C4DA001 |
| ● F021C2DA006 | ● F021C3DA006 | ● F021C4DA006 |
| ● F021C2DA012 | ● F021C3DA012 | ● F021C4DA012 |
| ● F021C2DA018 | ● F021C3DA018 | ● F021C4DA018 |
| ● F021C2DA030 | ● F021C3DA030 | ● F021C4DA030 |
| ● F021C2DA033 | ● F021C3DA033 | ● F021C4DA033 |

[1]**Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A2HA001 | ○ F021A3HA001 | ○ F021A4HA001 |
| ● F021A2HA006 | ● F021A3HA006 | ● F021A4HA006 |
| ● F021A2HA012 | ● F021A3HA012 | ● F021A4HA012 |
| ● F021A2HA018 | ● F021A3HA018 | ● F021A4HA018 |
| ● F021A2HA030 | ● F021A3HA030 | ● F021A4HA030 |
| ● F021A2HA033 | ● F021A3HA033 | ● F021A4HA033 |




| Beam Angle: | 53° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 9798 0.22 |
| 2 | 2450 0.44 |
| 3 | 1089 0.66 |
| 4 | 612 0.88 |
| 5 | 392 1.10 |

@4000K

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

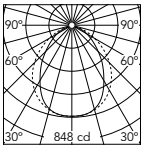
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2HA001 | ○ F021B3HA001 | ○ F021B4HA001 |
| ● F021B2HA006 | ● F021B3HA006 | ● F021B4HA006 |
| ● F021B2HA012 | ● F021B3HA012 | ● F021B4HA012 |
| ● F021B2HA018 | ● F021B3HA018 | ● F021B4HA018 |
| ● F021B2HA030 | ● F021B3HA030 | ● F021B4HA030 |
| ● F021B2HA033 | ● F021B3HA033 | ● F021B4HA033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2HA001 | ○ F021C3HA001 | ○ F021C4HA001 |
| ● F021C2HA006 | ● F021C3HA006 | ● F021C4HA006 |
| ● F021C2HA012 | ● F021C3HA012 | ● F021C4HA012 |
| ● F021C2HA018 | ● F021C3HA018 | ● F021C4HA018 |
| ● F021C2HA030 | ● F021C3HA030 | ● F021C4HA030 |
| ● F021C2HA033 | ● F021C3HA033 | ● F021C4HA033 |

[1]**Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021A2MA001 | ○ F021A3MA001 | ○ F021A4MA001 |
| ● F021A2MA006 | ● F021A3MA006 | ● F021A4MA006 |
| ● F021A2MA012 | ● F021A3MA012 | ● F021A4MA012 |
| ● F021A2MA018 | ● F021A3MA018 | ● F021A4MA018 |
| ● F021A2MA030 | ● F021A3MA030 | ● F021A4MA030 |
| ● F021A2MA033 | ● F021A3MA033 | ● F021A4MA033 |




| Beam Angle: | 90° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 848 1.74 |
| 2 | 212 3.49 |
| 3 | 94 5.23 |
| 4 | 53 6.98 |
| 5 | 34 8.72 |

@4000K

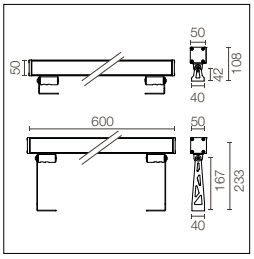
[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2MA001 | ○ F021B3MA001 | ○ F021B4MA001 |
| ● F021B2MA006 | ● F021B3MA006 | ● F021B4MA006 |
| ● F021B2MA012 | ● F021B3MA012 | ● F021B4MA012 |
| ● F021B2MA018 | ● F021B3MA018 | ● F021B4MA018 |
| ● F021B2MA030 | ● F021B3MA030 | ● F021B4MA030 |
| ● F021B2MA033 | ● F021B3MA033 | ● F021B4MA033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2MA001 | ○ F021C3MA001 | ○ F021C4MA001 |
| ● F021C2MA006 | ● F021C3MA006 | ● F021C4MA006 |
| ● F021C2MA012 | ● F021C3MA012 | ● F021C4MA012 |
| ● F021C2MA018 | ● F021C3MA018 | ● F021C4MA018 |
| ● F021C2MA030 | ● F021C3MA030 | ● F021C4MA030 |
| ● F021C2MA033 | ● F021C3MA033 | ● F021C4MA033 |

## Outgraze 50 L 600 - Dimmable DALI




IP 66 | IK 07 | 2,55 Kg | LED INCL

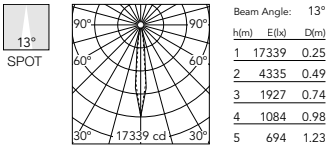
Stromquelle 120/240 V integriert. Einbauhalterungen sind separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. DALI-dimmbare SMART-Version auf Anfrage verfügbar (Leistung 7W - Fluss - 50% lm). Auf Anfrage dimmbare Version (1-10 V) verfügbar.

Integrated 120/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. SMART dimmable DALI version available upon request (power 7W - flux -50% lm). 1-10V dimmable version upon request.

**Power Led:** 14,5W - 1669 lm ≠ *FIXT 1369 lm - 2700K/CRI 80 - 120-240V / 14,5W - 1729 lm ≠ *FIXT 1418 lm - 3000K/CRI 80 - 120-240V / 14,5W - 1788 lm ≠ *FIXT 1467 lm - 4000K/CRI 80 -120-240V
*FIXT lm = Medium Optic

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B22D001 | ○ F021B32D001 | ○ F021B42D001 |
| ● F021B22D006 | ● F021B32D006 | ● F021B42D006 |
| ● F021B22D012 | ● F021B32D012 | ● F021B42D012 |
| ● F021B22D018 | ● F021B32D018 | ● F021B42D018 |
| ● F021B22D030 | ● F021B32D030 | ● F021B42D030 |
| ● F021B22D033 | ● F021B32D033 | ● F021B42D033 |




| Beam Angle: | 13° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 17339 | 0.25 |
| 2 | 4335 | 0.49 |
| 3 | 1927 | 0.74 |
| 4 | 1084 | 0.98 |
| 5 | 694 | 1.23 |

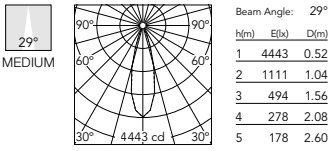
@4000K

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C22D001 | ○ F021C32D001 | ○ F021C42D001 |
| ● F021C22D006 | ● F021C32D006 | ● F021C42D006 |
| ● F021C22D012 | ● F021C32D012 | ● F021C42D012 |
| ● F021C22D018 | ● F021C32D018 | ● F021C42D018 |
| ● F021C22D030 | ● F021C32D030 | ● F021C42D030 |
| ● F021C22D033 | ● F021C32D033 | ● F021C42D033 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B26D001 | ○ F021B36D001 | ○ F021B46D001 |
| ● F021B26D006 | ● F021B36D006 | ● F021B46D006 |
| ● F021B26D012 | ● F021B36D012 | ● F021B46D012 |
| ● F021B26D018 | ● F021B36D018 | ● F021B46D018 |
| ● F021B26D030 | ● F021B36D030 | ● F021B46D030 |
| ● F021B26D033 | ● F021B36D033 | ● F021B46D033 |




| Beam Angle: | 29° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 4443 | 0.52 |
| 2 | 1111 | 1.04 |
| 3 | 494 | 1.56 |
| 4 | 278 | 2.08 |
| 5 | 178 | 2.60 |

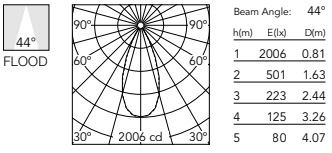
@4000K

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C26D001 | ○ F021C36D001 | ○ F021C46D001 |
| ● F021C26D006 | ● F021C36D006 | ● F021C46D006 |
| ● F021C26D012 | ● F021C36D012 | ● F021C46D012 |
| ● F021C26D018 | ● F021C36D018 | ● F021C46D018 |
| ● F021C26D030 | ● F021C36D030 | ● F021C46D030 |
| ● F021C26D033 | ● F021C36D033 | ● F021C46D033 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2BD001 | ○ F021B3BD001 | ○ F021B4BD001 |
| ● F021B2BD006 | ● F021B3BD006 | ● F021B4BD006 |
| ● F021B2BD012 | ● F021B3BD012 | ● F021B4BD012 |
| ● F021B2BD018 | ● F021B3BD018 | ● F021B4BD018 |
| ● F021B2BD030 | ● F021B3BD030 | ● F021B4BD030 |
| ● F021B2BD033 | ● F021B3BD033 | ● F021B4BD033 |




| Beam Angle: | 44° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 2006 | 0.81 |
| 2 | 501 | 1.63 |
| 3 | 223 | 2.44 |
| 4 | 125 | 3.26 |
| 5 | 80 | 4.07 |

@4000K

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2BD001 | ○ F021C3BD001 | ○ F021C4BD001 |
| ● F021C2BD006 | ● F021C3BD006 | ● F021C4BD006 |
| ● F021C2BD012 | ● F021C3BD012 | ● F021C4BD012 |
| ● F021C2BD018 | ● F021C3BD018 | ● F021C4BD018 |
| ● F021C2BD030 | ● F021C3BD030 | ● F021C4BD030 |
| ● F021C2BD033 | ● F021C3BD033 | ● F021C4BD033 |

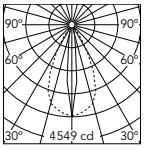
[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2FD001 | ○ F021B3FD001 | ○ F021B4FD001 |
| ● F021B2FD006 | ● F021B3FD006 | ● F021B4FD006 |
| ● F021B2FD012 | ● F021B3FD012 | ● F021B4FD012 |
| ● F021B2FD018 | ● F021B3FD018 | ● F021B4FD018 |
| ● F021B2FD030 | ● F021B3FD030 | ● F021B4FD030 |
| ● F021B2FD033 | ● F021B3FD033 | ● F021B4FD033 |

ELLIPTICAL



@4000K

| Beam Angle: | | 53° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 4549 | 0.22 |
| 2 | 1137 | 0.44 |
| 3 | 505 | 0.66 |
| 4 | 284 | 0.88 |
| 5 | 182 | 1.10 |

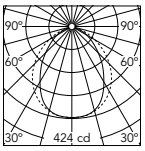
**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2FD001 | ○ F021C3FD001 | ○ F021C4FD001 |
| ● F021C2FD006 | ● F021C3FD006 | ● F021C4FD006 |
| ● F021C2FD012 | ● F021C3FD012 | ● F021C4FD012 |
| ● F021C2FD018 | ● F021C3FD018 | ● F021C4FD018 |
| ● F021C2FD030 | ● F021C3FD030 | ● F021C4FD030 |
| ● F021C2FD033 | ● F021C3FD033 | ● F021C4FD033 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2KD001 | ○ F021B3KD001 | ○ F021B4KD001 |
| ● F021B2KD006 | ● F021B3KD006 | ● F021B4KD006 |
| ● F021B2KD012 | ● F021B3KD012 | ● F021B4KD012 |
| ● F021B2KD018 | ● F021B3KD018 | ● F021B4KD018 |
| ● F021B2KD030 | ● F021B3KD030 | ● F021B4KD030 |
| ● F021B2KD033 | ● F021B3KD033 | ● F021B4KD033 |

DIFFUSED



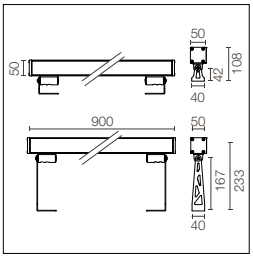
@4000K

| Beam Angle: | | 90° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 424 | 1.74 |
| 2 | 106 | 3.49 |
| 3 | 47 | 5.23 |
| 4 | 26 | 6.98 |
| 5 | 17 | 8.72 |

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2KD001 | ○ F021C3KD001 | ○ F021C4KD001 |
| ● F021C2KD006 | ● F021C3KD006 | ● F021C4KD006 |
| ● F021C2KD012 | ● F021C3KD012 | ● F021C4KD012 |
| ● F021C2KD018 | ● F021C3KD018 | ● F021C4KD018 |
| ● F021C2KD030 | ● F021C3KD030 | ● F021C4KD030 |
| ● F021C2KD033 | ● F021C3KD033 | ● F021C4KD033 |

## Outgraze 50 L 900 - Dimmable DALI




IP 66 | IK 07 | 3,30 Kg | LED INCL.

Stromquelle 120/240 V integriert. Einbauhalterungen sind separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. DALI-dimmbare SMART-Version auf Anfrage verfügbar (Leistung 11W - Fluss - 50% lm). Auf Anfrage dimmbare Version (1-10 V) verfügbar.

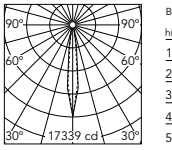
Integrated 120/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. SMART dimmable DALI version available upon request (power 11W - flux -50% lm). 1-10V dimmable version upon request.

**Power Led:** 20W - 2504 lm ≠ *FIXT 2054 lm - 2700K/CRI 80 - 120-240V / 20W - 2593 lm ≠ *FIXT 2127 lm - 3000K/CRI 80 - 120-240V / 20W - 2683 lm ≠ *FIXT 2201 lm - 4000K/CRI 80 -120-240V
*FIXT lm = Medium Optic

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B23D001 | ○ F021B33D001 | ○ F021B43D001 |
| ● F021B23D006 | ● F021B33D006 | ● F021B43D006 |
| ● F021B23D012 | ● F021B33D012 | ● F021B43D012 |
| ● F021B23D018 | ● F021B33D018 | ● F021B43D018 |
| ● F021B23D030 | ● F021B33D030 | ● F021B43D030 |
| ● F021B23D033 | ● F021B33D033 | ● F021B43D033 |

13° SPOT




@4000K

| Beam Angle: | 13° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 17339 | 0.25 |
| 2 | 4335 | 0.49 |
| 3 | 1927 | 0.74 |
| 4 | 1084 | 0.98 |
| 5 | 694 | 1.23 |

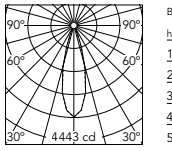
**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C23D001 | ○ F021C33D001 | ○ F021C43D001 |
| ● F021C23D006 | ● F021C33D006 | ● F021C43D006 |
| ● F021C23D012 | ● F021C33D012 | ● F021C43D012 |
| ● F021C23D018 | ● F021C33D018 | ● F021C43D018 |
| ● F021C23D030 | ● F021C33D030 | ● F021C43D030 |
| ● F021C23D033 | ● F021C33D033 | ● F021C43D033 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B27D001 | ○ F021B37D001 | ○ F021B47D001 |
| ● F021B27D006 | ● F021B37D006 | ● F021B47D006 |
| ● F021B27D012 | ● F021B37D012 | ● F021B47D012 |
| ● F021B27D018 | ● F021B37D018 | ● F021B47D018 |
| ● F021B27D030 | ● F021B37D030 | ● F021B47D030 |
| ● F021B27D033 | ● F021B37D033 | ● F021B47D033 |

29° MEDIUM




@4000K

| Beam Angle: | 29° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 4443 | 0.52 |
| 2 | 1111 | 1.04 |
| 3 | 494 | 1.56 |
| 4 | 278 | 2.08 |
| 5 | 178 | 2.60 |

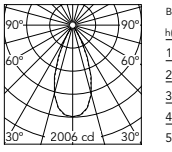
**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C27D001 | ○ F021C37D001 | ○ F021C47D001 |
| ● F021C27D006 | ● F021C37D006 | ● F021C47D006 |
| ● F021C27D012 | ● F021C37D012 | ● F021C47D012 |
| ● F021C27D018 | ● F021C37D018 | ● F021C47D018 |
| ● F021C27D030 | ● F021C37D030 | ● F021C47D030 |
| ● F021C27D033 | ● F021C37D033 | ● F021C47D033 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2CD001 | ○ F021B3CD001 | ○ F021B4CD001 |
| ● F021B2CD006 | ● F021B3CD006 | ● F021B4CD006 |
| ● F021B2CD012 | ● F021B3CD012 | ● F021B4CD012 |
| ● F021B2CD018 | ● F021B3CD018 | ● F021B4CD018 |
| ● F021B2CD030 | ● F021B3CD030 | ● F021B4CD030 |
| ● F021B2CD033 | ● F021B3CD033 | ● F021B4CD033 |

44° FLOOD




@4000K

| Beam Angle: | 44° | |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 2006 | 0.81 |
| 2 | 501 | 1.63 |
| 3 | 223 | 2.44 |
| 4 | 125 | 3.26 |
| 5 | 80 | 4.07 |

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2CD001 | ○ F021C3CD001 | ○ F021C4CD001 |
| ● F021C2CD006 | ● F021C3CD006 | ● F021C4CD006 |
| ● F021C2CD012 | ● F021C3CD012 | ● F021C4CD012 |
| ● F021C2CD018 | ● F021C3CD018 | ● F021C4CD018 |
| ● F021C2CD030 | ● F021C3CD030 | ● F021C4CD030 |
| ● F021C2CD033 | ● F021C3CD033 | ● F021C4CD033 |

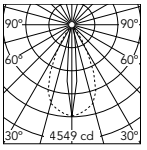
[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2GD001 | ○ F021B3GD001 | ○ F021B4GD001 |
| ● F021B2GD006 | ● F021B3GD006 | ● F021B4GD006 |
| ● F021B2GD012 | ● F021B3GD012 | ● F021B4GD012 |
| ● F021B2GD018 | ● F021B3GD018 | ● F021B4GD018 |
| ● F021B2GD030 | ● F021B3GD030 | ● F021B4GD030 |
| ● F021B2GD033 | ● F021B3GD033 | ● F021B4GD033 |

ELLIPTICAL



@4000K

| Beam Angle: | | 53° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 4549 | 0.22 |
| 2 | 1137 | 0.44 |
| 3 | 505 | 0.66 |
| 4 | 284 | 0.88 |
| 5 | 182 | 1.10 |

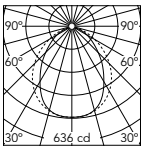
**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2GD001 | ○ F021C3GD001 | ○ F021C4GD001 |
| ● F021C2GD006 | ● F021C3GD006 | ● F021C4GD006 |
| ● F021C2GD012 | ● F021C3GD012 | ● F021C4GD012 |
| ● F021C2GD018 | ● F021C3GD018 | ● F021C4GD018 |
| ● F021C2GD030 | ● F021C3GD030 | ● F021C4GD030 |
| ● F021C2GD033 | ● F021C3GD033 | ● F021C4GD033 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2LD001 | ○ F021B3LD001 | ○ F021B4LD001 |
| ● F021B2LD006 | ● F021B3LD006 | ● F021B4LD006 |
| ● F021B2LD012 | ● F021B3LD012 | ● F021B4LD012 |
| ● F021B2LD018 | ● F021B3LD018 | ● F021B4LD018 |
| ● F021B2LD030 | ● F021B3LD030 | ● F021B4LD030 |
| ● F021B2LD033 | ● F021B3LD033 | ● F021B4LD033 |

DIFFUSED



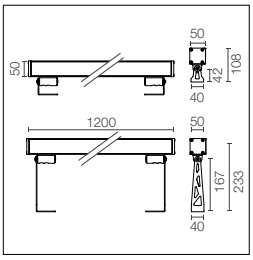
@4000K

| Beam Angle: | | 90° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 636 | 1.74 |
| 2 | 159 | 3.49 |
| 3 | 71 | 5.23 |
| 4 | 40 | 6.98 |
| 5 | 25 | 8.72 |

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2LD001 | ○ F021C3LD001 | ○ F021C4LD001 |
| ● F021C2LD006 | ● F021C3LD006 | ● F021C4LD006 |
| ● F021C2LD012 | ● F021C3LD012 | ● F021C4LD012 |
| ● F021C2LD018 | ● F021C3LD018 | ● F021C4LD018 |
| ● F021C2LD030 | ● F021C3LD030 | ● F021C4LD030 |
| ● F021C2LD033 | ● F021C3LD033 | ● F021C4LD033 |

## Outgraze 50 L 1200 - Dimmable DALI




IP 66 | IK 07 | 4,31 Kg | LED INCL.

Stromquelle 120/240 V integriert. Einbauhalterungen sind separat zu bestellen. Äußerst helles, transparentes Glas, ausgenommen die DIFFUSED-Ausführung mit sandgestrahltem Glas. DALI-dimmbare SMART-Version auf Anfrage verfügbar (Leistung 14W - Fluss - 50% lm). Auf Anfrage dimmbare Version (1-10 V) verfügbar.

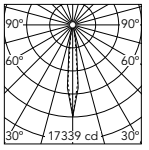
Integrated 120/240V power supply. Installation brackets, to be ordered separately. Extra clear transparent glass, excluding the DIFFUSE version with sandblasted glass. SMART dimmable DALI version available upon request (power 14W - flux -50% lm). 1-10V dimmable version upon request.

**Power Led:** 27W - 3338 lm ≠ *FIXT 2739 lm - 2700K/CRI 80 - 120-240V / 27W - 3458 lm ≠ *FIXT 2836 lm - 3000K/CRI 80 - 120-240 / 27W - 3577 lm ≠ *FIXT 2934 lm - 4000K/CRI 80 -120-240V
*FIXT lm = Medium Optic

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B24D001 | ○ F021B34D001 | ○ F021B44D001 |
| ● F021B24D006 | ● F021B34D006 | ● F021B44D006 |
| ● F021B24D012 | ● F021B34D012 | ● F021B44D012 |
| ● F021B24D018 | ● F021B34D018 | ● F021B44D018 |
| ● F021B24D030 | ● F021B34D030 | ● F021B44D030 |
| ● F021B24D033 | ● F021B34D033 | ● F021B44D033 |

13° SPOT




@4000K

| Beam Angle: | | 13° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 17339 | 0.25 |
| 2 | 4335 | 0.49 |
| 3 | 1927 | 0.74 |
| 4 | 1084 | 0.98 |
| 5 | 694 | 1.23 |

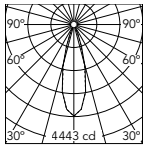
**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C24D001 | ○ F021C34D001 | ○ F021C44D001 |
| ● F021C24D006 | ● F021C34D006 | ● F021C44D006 |
| ● F021C24D012 | ● F021C34D012 | ● F021C44D012 |
| ● F021C24D018 | ● F021C34D018 | ● F021C44D018 |
| ● F021C24D030 | ● F021C34D030 | ● F021C44D030 |
| ● F021C24D033 | ● F021C34D033 | ● F021C44D033 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B28D001 | ○ F021B38D001 | ○ F021B48D001 |
| ● F021B28D006 | ● F021B38D006 | ● F021B48D006 |
| ● F021B28D012 | ● F021B38D012 | ● F021B48D012 |
| ● F021B28D018 | ● F021B38D018 | ● F021B48D018 |
| ● F021B28D030 | ● F021B38D030 | ● F021B48D030 |
| ● F021B28D033 | ● F021B38D033 | ● F021B48D033 |

29° MEDIUM




@4000K

| Beam Angle: | | 29° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 4443 | 0.52 |
| 2 | 1111 | 1.04 |
| 3 | 494 | 1.56 |
| 4 | 278 | 2.08 |
| 5 | 178 | 2.60 |

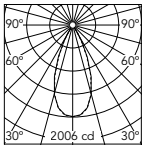
**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C28D001 | ○ F021C38D001 | ○ F021C48D001 |
| ● F021C28D006 | ● F021C38D006 | ● F021C48D006 |
| ● F021C28D012 | ● F021C38D012 | ● F021C48D012 |
| ● F021C28D018 | ● F021C38D018 | ● F021C48D018 |
| ● F021C28D030 | ● F021C38D030 | ● F021C48D030 |
| ● F021C28D033 | ● F021C38D033 | ● F021C48D033 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2DD001 | ○ F021B3DD001 | ○ F021B4DD001 |
| ● F021B2DD006 | ● F021B3DD006 | ● F021B4DD006 |
| ● F021B2DD012 | ● F021B3DD012 | ● F021B4DD012 |
| ● F021B2DD018 | ● F021B3DD018 | ● F021B4DD018 |
| ● F021B2DD030 | ● F021B3DD030 | ● F021B4DD030 |
| ● F021B2DD033 | ● F021B3DD033 | ● F021B4DD033 |

44° FLOOD




@4000K

| Beam Angle: | | 44° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 2006 | 0.81 |
| 2 | 501 | 1.63 |
| 3 | 223 | 2.44 |
| 4 | 125 | 3.26 |
| 5 | 80 | 4.07 |

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2DD001 | ○ F021C3DD001 | ○ F021C4DD001 |
| ● F021C2DD006 | ● F021C3DD006 | ● F021C4DD006 |
| ● F021C2DD012 | ● F021C3DD012 | ● F021C4DD012 |
| ● F021C2DD018 | ● F021C3DD018 | ● F021C4DD018 |
| ● F021C2DD030 | ● F021C3DD030 | ● F021C4DD030 |
| ● F021C2DD033 | ● F021C3DD033 | ● F021C4DD033 |

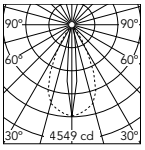
[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2HD001 | ○ F021B3HD001 | ○ F021B4HD001 |
| ● F021B2HD006 | ● F021B3HD006 | ● F021B4HD006 |
| ● F021B2HD012 | ● F021B3HD012 | ● F021B4HD012 |
| ● F021B2HD018 | ● F021B3HD018 | ● F021B4HD018 |
| ● F021B2HD030 | ● F021B3HD030 | ● F021B4HD030 |
| ● F021B2HD033 | ● F021B3HD033 | ● F021B4HD033 |

ELLIPTICAL



@4000K

| Beam Angle: | | 53° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 4549 | 0.22 |
| 2 | 1137 | 0.44 |
| 3 | 505 | 0.66 |
| 4 | 284 | 0.88 |
| 5 | 182 | 1.10 |

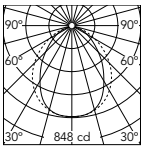
**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2HD001 | ○ F021C3HD001 | ○ F021C4HD001 |
| ● F021C2HD006 | ● F021C3HD006 | ● F021C4HD006 |
| ● F021C2HD012 | ● F021C3HD012 | ● F021C4HD012 |
| ● F021C2HD018 | ● F021C3HD018 | ● F021C4HD018 |
| ● F021C2HD030 | ● F021C3HD030 | ● F021C4HD030 |
| ● F021C2HD033 | ● F021C3HD033 | ● F021C4HD033 |

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021B2MD001 | ○ F021B3MD001 | ○ F021B4MD001 |
| ● F021B2MD006 | ● F021B3MD006 | ● F021B4MD006 |
| ● F021B2MD012 | ● F021B3MD012 | ● F021B4MD012 |
| ● F021B2MD018 | ● F021B3MD018 | ● F021B4MD018 |
| ● F021B2MD030 | ● F021B3MD030 | ● F021B4MD030 |
| ● F021B2MD033 | ● F021B3MD033 | ● F021B4MD033 |

DIFFUSED



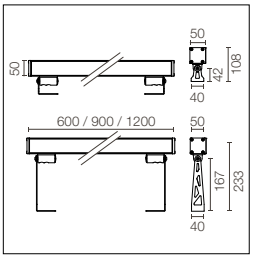
@4000K

| Beam Angle: | | 90° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 848 | 1.74 |
| 2 | 212 | 3.49 |
| 3 | 94 | 5.23 |
| 4 | 53 | 6.98 |
| 5 | 34 | 8.72 |

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021C2MD001 | ○ F021C3MD001 | ○ F021C4MD001 |
| ● F021C2MD006 | ● F021C3MD006 | ● F021C4MD006 |
| ● F021C2MD012 | ● F021C3MD012 | ● F021C4MD012 |
| ● F021C2MD018 | ● F021C3MD018 | ● F021C4MD018 |
| ● F021C2MD030 | ● F021C3MD030 | ● F021C4MD030 |
| ● F021C2MD033 | ● F021C3MD033 | ● F021C4MD033 |

## Outgraze 50 - RGB




IP 66 · IK 07 · 2,55 Kg L 600 · 3,30 Kg L 900 · 4,31 Kg L 1200 · LED INCL

Stromversorgung (120/240 V) und DMX-RDM-Schnittstelle integriert. Einbauhalterungen sind separat zu bestellen. Sandgestrahltes Glas.

Intergrated 120/240V power supply and DMX-RDM interface. Installation brackets, to be ordered separately. Sandblasted glass.

**Power Led:** L600: 26W - 120-240V - DMX-RDM interface / L900: 37W - 120-240V - DMX-RDM interface / L1200: 48W - 120-240V - DMX-RDM interface

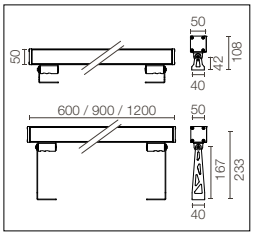
Schaltplan Nr.12 S.574 / Wiring diagram n.12 page 574

| L 600 | L 900 | L 1200 |
|---|---|---|
| ○ F021MRKJ001 | ○ F021MRLJ001 | ○ F021MRMJ001 |
| ● F021MRKJ006 | ● F021MRLJ006 | ● F021MRMJ006 |
| ● F021MRKJ012 | ● F021MRLJ012 | ● F021MRMJ012 |
| ● F021MRKJ018 | ● F021MRLJ018 | ● F021MRMJ018 |
| ● F021MRKJ030 | ● F021MRLJ030 | ● F021MRMJ030 |
| ● F021MRKJ033 | ● F021MRLJ033 | ● F021MRMJ033 |

50° FLOOD

Photometric data on request.

## Outgraze 50 - RGBW




IP 66 · IK 07 · 2,55 Kg L 600 · 3,30 Kg L 900 · 4,31 Kg L 1200 · LED INCL

Stromversorgung (120/240 V) und DMX-RDM-Schnittstelle integriert. Einbauhalterungen sind separat zu bestellen. Sandgestrahltes Glas.

Intergrated 120/240V power supply and DMX-RDM interface. Installation brackets, to be ordered separately. Sandblasted glass.

**Power Led:** L600: 24W - 120-240V - DMX-RDM interface / L900: 33W - 120-240V - DMX-RDM interface / L1200: 43W 120-240V - DMX-RDM interface

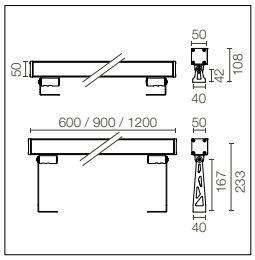
Schaltplan Nr.12 S.574 / Wiring diagram n.12 page 574

| L 600 | L 900 | L 1200 |
|---|---|---|
| ○ F021MWKJ001 | ○ F021MWLJ001 | ○ F021MWMJ001 |
| ● F021MWKJ006 | ● F021MWLJ006 | ● F021MWMJ006 |
| ● F021MWKJ012 | ● F021MWLJ012 | ● F021MWMJ012 |
| ● F021MWKJ018 | ● F021MWLJ018 | ● F021MWMJ018 |
| ● F021MWKJ030 | ● F021MWLJ030 | ● F021MWMJ030 |
| ● F021MWKJ033 | ● F021MWLJ033 | ● F021MWMJ033 |

50° FLOOD

Photometric data on request.

## Outgraze 50 - Tunable White DALI 2700K÷5700K




IP 66

IK 07

2,55 Kg L 600

3,30 Kg L 900

4,31 Kg L 1200

LED INCL

Stromquelle 120/240 V DALI integriert. Einbauhalterungen sind separat zu bestellen. Sandgestrahltes Glas.

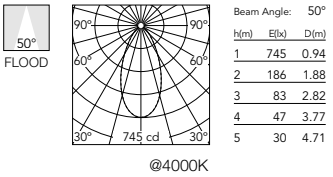
120/240V DALI intergrated power supply. Installation brackets, to be ordered separately. Sandblasted glass.

**Power Led:** L600: 13W - 1413 lm ≠ FIXT 722 lm - 2700K/CRI 80 - 120-240V / L900: 18,5W - 1669 lm ≠ FIXT 1082 lm - 2700K/CRI 80 - 120-240V / L1200: 23W - 2826 lm ≠ FIXT 1443 lm - 2700K/CRI 80 - 120-240V

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

**L 600**

- ○ F021PTKD001
- F021PTKD006
- F021PTKD012
- F021PTKD018
- F021PTKD030
- F021PTKD033




Beam Angle: 50°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 745 | 0.94 |
| 2 | 186 | 1.88 |
| 3 | 83 | 2.82 |
| 4 | 47 | 3.77 |
| 5 | 30 | 4.71 |

@4000K

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

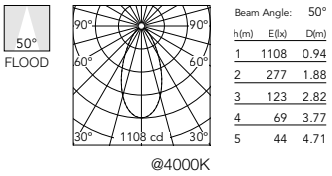
**L 600**

- ○ F021QTKD001
- F021QTKD006
- F021QTKD012
- F021QTKD018
- F021QTKD030
- F021QTKD033

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

**L 900**

- ○ F021PTLD001
- F021PTLD006
- F021PTLD012
- F021PTLD018
- F021PTLD030
- F021PTLD033




Beam Angle: 50°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 1108 | 0.94 |
| 2 | 277 | 1.88 |
| 3 | 123 | 2.82 |
| 4 | 69 | 3.77 |
| 5 | 44 | 4.71 |

@4000K

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

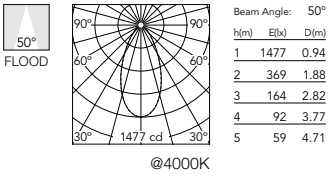
**L 900**

- ○ F021QTLD001
- F021QTLD006
- F021QTLD012
- F021QTLD018
- F021QTLD030
- F021QTLD033

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

**L 1200**

- ○ F021PTMD001
- F021PTMD006
- F021PTMD012
- F021PTMD018
- F021PTMD030
- F021PTMD033




Beam Angle: 50°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 1477 | 0.94 |
| 2 | 369 | 1.88 |
| 3 | 164 | 2.82 |
| 4 | 92 | 3.77 |
| 5 | 59 | 4.71 |

@4000K

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

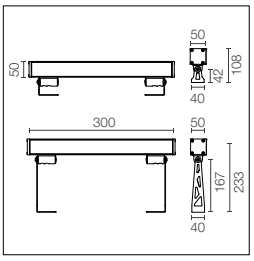
**L 1200**

- ○ F021QTMD001
- F021QTMD006
- F021QTMD012
- F021QTMD018
- F021QTMD030
- F021QTMD033

[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 50 Easy L 300 - Non Dimmable




IP 66 | IK 07 | 0,80 Kg | LED INCL

Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen. Sandgestrahltes Glas.

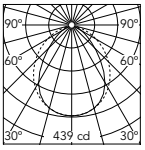
Integrated 220/240V power supply. Installation brackets, to be ordered separately. Sandblasted glass.

**Mid-power Led:** 8W - 806 lm ≠ FIXT 310 lm - 2700K/CRI 80 - 220-240V / 8W - 876 lm ≠ FIXT 337 lm - 3000K/CRI 80 - 220-240V / 8W - 946 lm ≠ FIXT 364 lm - 4000K/CRI 80 - 220-240V

[1]**Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021G2JA001 | ○ F021G3JA001 | ○ F021G4JA001 |
| F021G2JA006 | F021G3JA006 | F021G4JA006 |
| F021G2JA012 | F021G3JA012 | F021G4JA012 |
| F021G2JA018 | F021G3JA018 | F021G4JA018 |
| F021G2JA030 | F021G3JA030 | F021G4JA030 |
| F021G2JA033 | F021G3JA033 | F021G4JA033 |

90° DIFFUSED



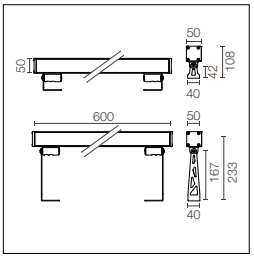

@4000K

| Beam Angle: | | 90° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 439 | 1.67 |
| 2 | 110 | 3.34 |
| 3 | 49 | 5.00 |
| 4 | 27 | 6.67 |
| 5 | 18 | 8.34 |

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021H2JA001 | ○ F021H3JA001 | ○ F021H4JA001 |
| F021H2JA006 | F021H3JA006 | F021H4JA006 |
| F021H2JA012 | F021H3JA012 | F021H4JA012 |
| F021H2JA018 | F021H3JA018 | F021H4JA018 |
| F021H2JA030 | F021H3JA030 | F021H4JA030 |
| F021H2JA033 | F021H3JA033 | F021H4JA033 |

## Outgraze 50 Easy L 600 - Non Dimmable




IP 66 | IK 07 | 1,65 Kg | LED INCL

Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen. Sandgestrahltes Glas.

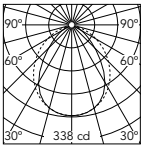
Integrated 220/240V power supply. Installation brackets, to be ordered separately. Sandblasted glass.

**Mid-power Led:** 14,5W - 1612 lm ≠ FIXT 620 lm - 2700K/CRI 80 - 220-240V / 14,5W - 1752 lm ≠ FIXT 674 lm - 3000K/CRI 80 - 220-240V / 14,5W - 1892 lm ≠ FIXT 728 lm - 4000K/CRI 80 - 220-240V

[1]**Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021G2KA001 | ○ F021G3KA001 | ○ F021G4KA001 |
| F021G2KA006 | F021G3KA006 | F021G4KA006 |
| F021G2KA012 | F021G3KA012 | F021G4KA012 |
| F021G2KA018 | F021G3KA018 | F021G4KA018 |
| F021G2KA030 | F021G3KA030 | F021G4KA030 |
| F021G2KA033 | F021G3KA033 | F021G4KA033 |

90° DIFFUSED




@4000K

| Beam Angle: | | 90° |
|---|---|---|
| h(m) | E(lx) | D(m) |
| 1 | 338 | 1.67 |
| 2 | 85 | 3.34 |
| 3 | 38 | 5.00 |
| 4 | 21 | 6.67 |
| 5 | 14 | 8.34 |

[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021H2KA001 | ○ F021H3KA001 | ○ F021H4KA001 |
| F021H2KA006 | F021H3KA006 | F021H4KA006 |
| F021H2KA012 | F021H3KA012 | F021H4KA012 |
| F021H2KA018 | F021H3KA018 | F021H4KA018 |
| F021H2KA030 | F021H3KA030 | F021H4KA030 |
| F021H2KA033 | F021H3KA033 | F021H4KA033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

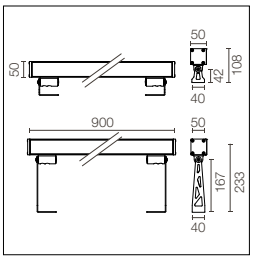
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021J2KA001 | ○ F021J3KA001 | ○ F021J4KA001 |
| F021J2KA006 | F021J3KA006 | F021J4KA006 |
| F021J2KA012 | F021J3KA012 | F021J4KA012 |
| F021J2KA018 | F021J3KA018 | F021J4KA018 |
| F021J2KA030 | F021J3KA030 | F021J4KA030 |
| F021J2KA033 | F021J3KA033 | F021J4KA033 |

[1]Standard Version: Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered).

[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 50 Easy L 900 - Non Dimmable




IP 66 | IK 07 | 3,30 Kg | LED INCL

Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen. Sandgestrahltes Glas.

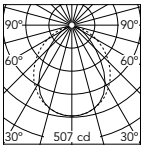
Integrated 220/240V power supply. Installation brackets, to be ordered separately. Sandblasted glass.

**Mid-power Led:** 20W - 2418 lm ≠ FIXT 930 lm - 2700K/CRI 80 - 220-240V / 20W - 2628 lm ≠ FIXT 1011 lm - 3000K/CRI 80 - 220-240V / 20W - 2839 lm ≠ FIXT 1092 lm - 4000K/CRI 80 - 220-240V

[1]**Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021G2LA001 | ○ F021G3LA001 | ○ F021G4LA001 |
| ● F021G2LA006 | ● F021G3LA006 | ● F021G4LA006 |
| ● F021G2LA012 | ● F021G3LA012 | ● F021G4LA012 |
| ● F021G2LA018 | ● F021G3LA018 | ● F021G4LA018 |
| ● F021G2LA030 | ● F021G3LA030 | ● F021G4LA030 |
| ● F021G2LA033 | ● F021G3LA033 | ● F021G4LA033 |

90° DIFFUSED




@4000K

| Beam Angle: | 90° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 507 1.67 |
| 2 | 127 3.34 |
| 3 | 56 5.00 |
| 4 | 32 6.67 |
| 5 | 20 8.34 |

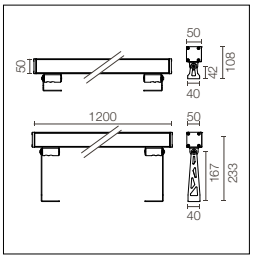
[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021H2LA001 | ○ F021H3LA001 | ○ F021H4LA001 |
| ● F021H2LA006 | ● F021H3LA006 | ● F021H4LA006 |
| ● F021H2LA012 | ● F021H3LA012 | ● F021H4LA012 |
| ● F021H2LA018 | ● F021H3LA018 | ● F021H4LA018 |
| ● F021H2LA030 | ● F021H3LA030 | ● F021H4LA030 |
| ● F021H2LA033 | ● F021H3LA033 | ● F021H4LA033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021J2LA001 | ○ F021J3LA001 | ○ F021J4LA001 |
| ● F021J2LA006 | ● F021J3LA006 | ● F021J4LA006 |
| ● F021J2LA012 | ● F021J3LA012 | ● F021J4LA012 |
| ● F021J2LA018 | ● F021J3LA018 | ● F021J4LA018 |
| ● F021J2LA030 | ● F021J3LA030 | ● F021J4LA030 |
| ● F021J2LA033 | ● F021J3LA033 | ● F021J4LA033 |

## Outgraze 50 Easy L 1200 - Non Dimmable




IP 66 | IK 07 | 4,31 Kg | LED INCL

Stromquelle 220/240 V integriert. Einbauhalterungen sind separat zu bestellen. Sandgestrahltes Glas.

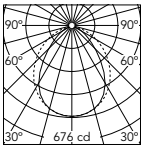
Integrated 220/240V power supply. Installation brackets, to be ordered separately. Sandblasted glass.

**Mid-power Led:** 27W - 3224 lm ≠ FIXT 1240 lm - 2700K/CRI 80 - 220-240V / 27W - 3505 lm ≠ FIXT 1348 lm - 3000K/CRI 80 - 220-240V / 27W - 3785 lm ≠ FIXT 1456 lm - 4000K/CRI 80 - 220-240V

[1]**Standard** - Schaltplan Nr.7 S.573 / Wiring diagram n.7 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021G2MA001 | ○ F021G3MA001 | ○ F021G4MA001 |
| ● F021G2MA006 | ● F021G3MA006 | ● F021G4MA006 |
| ● F021G2MA012 | ● F021G3MA012 | ● F021G4MA012 |
| ● F021G2MA018 | ● F021G3MA018 | ● F021G4MA018 |
| ● F021G2MA030 | ● F021G3MA030 | ● F021G4MA030 |
| ● F021G2MA033 | ● F021G3MA033 | ● F021G4MA033 |

90° DIFFUSED




@4000K

| Beam Angle: | 90° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 676 1.67 |
| 2 | 169 3.34 |
| 3 | 75 5.00 |
| 4 | 42 6.67 |
| 5 | 27 8.34 |

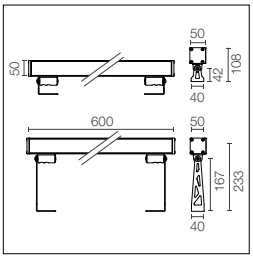
[2]**Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.8 S.573 / Wiring diagram n.8 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021H2MA001 | ○ F021H3MA001 | ○ F021H4MA001 |
| ● F021H2MA006 | ● F021H3MA006 | ● F021H4MA006 |
| ● F021H2MA012 | ● F021H3MA012 | ● F021H4MA012 |
| ● F021H2MA018 | ● F021H3MA018 | ● F021H4MA018 |
| ● F021H2MA030 | ● F021H3MA030 | ● F021H4MA030 |
| ● F021H2MA033 | ● F021H3MA033 | ● F021H4MA033 |

[3]**Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.9 S.573 / Wiring diagram n.9 page 573

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021J2MA001 | ○ F021J3MA001 | ○ F021J4MA001 |
| ● F021J2MA006 | ● F021J3MA006 | ● F021J4MA006 |
| ● F021J2MA012 | ● F021J3MA012 | ● F021J4MA012 |
| ● F021J2MA018 | ● F021J3MA018 | ● F021J4MA018 |
| ● F021J2MA030 | ● F021J3MA030 | ● F021J4MA030 |
| ● F021J2MA033 | ● F021J3MA033 | ● F021J4MA033 |

## Outgraze 50 Easy L 600 - Dimmable DALI




IP 66 | IK 07 | 1,65 Kg | LED INCL

Stromquelle
120/240 V integriert.
Einbauhalterungen sind
separat zu bestellen.
Sandgestrahltes Glas.

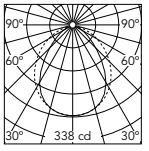
Integrated 120/240V power
supply. Installation brackets, to
be ordered separately.
Sandblasted glass.

**Mid-power Led:** 14,5W - 1440 lm ≠ FIXT 1106 lm - 2700K/CRI 80 - 120-240V / 14,5W - 1560 lm ≠ FIXT 1198 lm - 3000K/CRI 80 - 120-240V / 14,5W - 1680 lm ≠ FIXT 1290 lm - 4000K/CRI 80 - 120-240V

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021G2KD001 | ○ F021G3KD001 | ○ F021G4KD001 |
| ● F021G2KD006 | ● F021G3KD006 | ● F021G4KD006 |
| ● F021G2KD012 | ● F021G3KD012 | ● F021G4KD012 |
| ● F021G2KD018 | ● F021G3KD018 | ● F021G4KD018 |
| ● F021G2KD030 | ● F021G3KD030 | ● F021G4KD030 |
| ● F021G2KD033 | ● F021G3KD033 | ● F021G4KD033 |

90° DIFFUSED



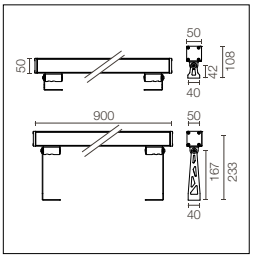

@4000K

| Beam Angle: | 90° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 338 1.67 |
| 2 | 85 3.34 |
| 3 | 38 5.00 |
| 4 | 21 6.67 |
| 5 | 14 8.34 |

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021J2KD001 | ○ F021J3KD001 | ○ F021J4KD001 |
| ● F021J2KD006 | ● F021J3KD006 | ● F021J4KD006 |
| ● F021J2KD012 | ● F021J3KD012 | ● F021J4KD012 |
| ● F021J2KD018 | ● F021J3KD018 | ● F021J4KD018 |
| ● F021J2KD030 | ● F021J3KD030 | ● F021J4KD030 |
| ● F021J2KD033 | ● F021J3KD033 | ● F021J4KD033 |

## Outgraze 50 Easy L 900 - Dimmable DALI




IP 66 | IK 07 | 3,30 Kg | LED INCL

Stromquelle
120/240 V integriert.
Einbauhalterungen sind
separat zu bestellen.
Sandgestrahltes Glas.

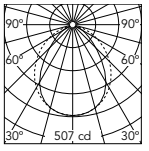
Integrated 120/240V power
supply. Installation brackets, to
be ordered separately.
Sandblasted glass.

**Mid-power Led:** 20W - 2418 lm ≠ FIXT 930 lm - 2700K/CRI 80 - 120-240V / 20W - 2628 lm ≠ FIXT 1011 lm - 3000K/CRI 80 - 120-240V / 20W - 2839 lm ≠ FIXT 1092 lm - 4000K/CRI 80 -120-240V

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021G2LD001 | ○ F021G3LD001 | ○ F021G4LD001 |
| ● F021G2LD006 | ● F021G3LD006 | ● F021G4LD006 |
| ● F021G2LD012 | ● F021G3LD012 | ● F021G4LD012 |
| ● F021G2LD018 | ● F021G3LD018 | ● F021G4LD018 |
| ● F021G2LD030 | ● F021G3LD030 | ● F021G4LD030 |
| ● F021G2LD033 | ● F021G3LD033 | ● F021G4LD033 |

90° DIFFUSED




@4000K

| Beam Angle: | 90° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 507 1.67 |
| 2 | 127 3.34 |
| 3 | 56 5.00 |
| 4 | 32 6.67 |
| 5 | 20 8.34 |

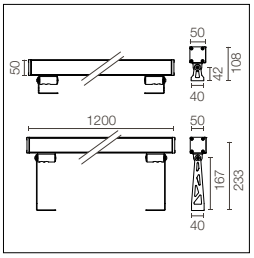
**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021J2LD001 | ○ F021J3LD001 | ○ F021J4LD001 |
| ● F021J2LD006 | ● F021J3LD006 | ● F021J4LD006 |
| ● F021J2LD012 | ● F021J3LD012 | ● F021J4LD012 |
| ● F021J2LD018 | ● F021J3LD018 | ● F021J4LD018 |
| ● F021J2LD030 | ● F021J3LD030 | ● F021J4LD030 |
| ● F021J2LD033 | ● F021J3LD033 | ● F021J4LD033 |

[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 50 Easy L 1200 - Dimmable DALI




IP 66 | IK 07 | 4,31 Kg | LED INCL

Stromquelle 120/240 V integriert. Einbauhalterungen sind separat zu bestellen. Sandgestrahltes Glas.

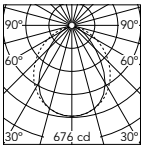
Integrated 120/240V power supply. Installation brackets, to be ordered separately. Sandblasted glass.

**Power Led:** 27W - 3224 lm ≠ FIXT 1240 lm - 2700K/CRI 80 - 120-240V / 27W - 3505 lm ≠ FIXT 1348 lm - 3000K/CRI 80 - 120-240V / 27W - 3785 lm ≠ FIXT 1456 lm - 4000K/CRI 80 -120-240V

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.10 S.574 / Wiring diagram n.10 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021G2MD001 | ○ F021G3MD001 | ○ F021G4MD001 |
| ● F021G2MD006 | ● F021G3MD006 | ● F021G4MD006 |
| ● F021G2MD012 | ● F021G3MD012 | ● F021G4MD012 |
| ● F021G2MD018 | ● F021G3MD018 | ● F021G4MD018 |
| ● F021G2MD030 | ● F021G3MD030 | ● F021G4MD030 |
| ● F021G2MD033 | ● F021G3MD033 | ● F021G4MD033 |

90°
DIFFUSED




@4000K

Beam Angle: 90°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 676 | 1.67 |
| 2 | 169 | 3.34 |
| 3 | 75 | 5.00 |
| 4 | 42 | 6.67 |
| 5 | 27 | 8.34 |

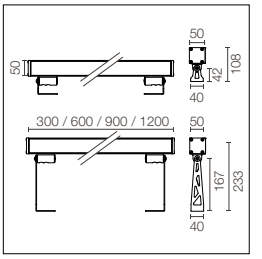
**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.11 S.574 / Wiring diagram n.11 page 574

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ F021J2MD001 | ○ F021J3MD001 | ○ F021J4MD001 |
| ● F021J2MD006 | ● F021J3MD006 | ● F021J4MD006 |
| ● F021J2MD012 | ● F021J3MD012 | ● F021J4MD012 |
| ● F021J2MD018 | ● F021J3MD018 | ● F021J4MD018 |
| ● F021J2MD030 | ● F021J3MD030 | ● F021J4MD030 |
| ● F021J2MD033 | ● F021J3MD033 | ● F021J4MD033 |

[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 50 Easy - Tunable White DALI 2700K÷5700K




CE | III | IK 07 | IP 66 | 1,65 Kg L 300 | 2,55 Kg L 600 | 3,30 Kg L 900 | 4,31 Kg L 1200 | LED INCL

Fernspeisung 24 V und Einbauhalterungen separat zu bestellen.
Sandgestrahltes Glas.

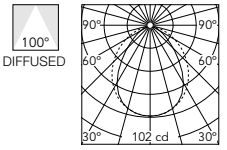
24V remote power supply and installation brackets to be ordered separately.
Sandblasted glass.

**Mid-power Led:** L300: 6,5W - 572 lm ≠ FIXT 220 lm - 2700K/CRI 80 - 24V / L600: 11W - 1143 lm ≠ FIXT 440 lm - 2700K/CRI 80 - 24V / L900: 16W - 1715 lm ≠ FIXT 660 lm - 2700K/CRI 80 - 24V / L1200: 21W - 2286 lm ≠ FIXT 879 lm - 2700K/CRI 80 - 24V

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.13 S.575 / Wiring diagram n.13 page 575

**L 300**

- ○ F021KTJD001
- F021KTJD006
- F021KTJD012
- F021KTJD018
- F021KTJD030
- F021KTJD033



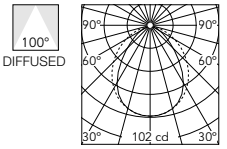

| Beam Angle: | 100° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 102 1.67 |
| 2 | 26 3.34 |
| 3 | 12 5.00 |
| 4 | 7 6.67 |
| 5 | 4 8.34 |

@4000K

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.13 S.575 / Wiring diagram n.13 page 575

**L 600**

- ○ F021KTKD001
- F021KTKD006
- F021KTKD012
- F021KTKD018
- F021KTKD030
- F021KTKD033




| Beam Angle: | 100° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 204 1.67 |
| 2 | 51 3.34 |
| 3 | 23 5.00 |
| 4 | 13 6.67 |
| 5 | 8 8.34 |

@4000K

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.14 S.575 / Wiring diagram n.14 page 575

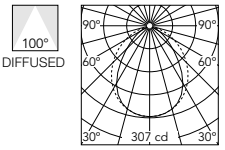
**L 600**

- ○ F021LTKD001
- F021LTKD006
- F021LTKD012
- F021LTKD018
- F021LTKD030
- F021LTKD033

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.13 S.575 / Wiring diagram n.13 page 575

**L 900**

- ○ F021KTLD001
- F021KTLD006
- F021KTLD012
- F021KTLD018
- F021KTLD030
- F021KTLD033




| Beam Angle: | 100° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 307 1.67 |
| 2 | 77 3.34 |
| 3 | 34 5.00 |
| 4 | 19 6.67 |
| 5 | 12 8.34 |

@4000K

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.14 S.575 / Wiring diagram n.14 page 575

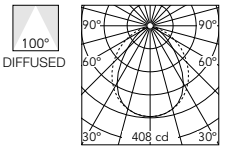
**L 900**

- ○ F021LTLD001
- F021LTLD006
- F021LTLD012
- F021LTLD018
- F021LTLD030
- F021LTLD033

**[2]Quick Install I H2O Stop Fast Connect** - Schaltplan Nr.13 S.575 / Wiring diagram n.13 page 575

**L 1200**

- ○ F021KTMD001
- F021KTMD006
- F021KTMD012
- F021KTMD018
- F021KTMD030
- F021KTMD033




| Beam Angle: | 100° |
|---|---|
| h(m) | E(lx) D(m) |
| 1 | 408 1.67 |
| 2 | 102 3.34 |
| 3 | 45 5.00 |
| 4 | 26 6.67 |
| 5 | 16 8.34 |

@4000K

**[3]Continuous Line I/O H2O Stop Fast Connect** - Schaltplan Nr.14 S.575 / Wiring diagram n.14 page 575

**L 1200**

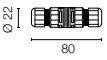
- ○ F021LTMD001
- F021LTMD006
- F021LTMD012
- F021LTMD018
- F021LTMD030
- F021LTMD033

[2]Quick Install In H2O Stop Version: Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately).

[3]Continous Line In/Out H2O Stop Version: Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately).

## Outgraze 50

### Zubehör für alle Versionen / Accessories for all versions

| | | | |
|---|---|---|---|
| Paar kurze Halterungen L 80 mm. | One pair of short brackets L 80 mm. | ○ F1203001<br>● F1203006<br>● F1203012<br>● F1203018<br>● F1203030<br>● F1203033 | |
| Paar lange Halterungen L 200 mm. | One pair of long brackets L 200 mm. | ○ F1204001<br>● F1204006<br>● F1204012<br>● F1204018<br>● F1204030<br>● F1204033 | |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 2 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C00A000 |   |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |
| 5-poliger Steckersatz mit fliegendem Stecker + EU-Stecker IP68. | Connector kit 5-pole flying socket + EU plug IP68. | F990C080000 | |
| Kappe für Einbaustecker (auf dem Produkt), 4-5-polig. | Cap for panel (on the fixtures) plug connector 4-5 poles. | F021Z070000 | |

## Outgraze 50

### Zubehör für die Versionen Non Dimmable (220-240V) und Easy Non Dimmable (220-240V) / Accessories for Non Dimmable (220-240V) and Easy Non Dimmable (220-240V) versions

| | | | |
|---|---|---|---|
| 4-poliger Plug&Play-Steckverbinder. | Plug&play connector 4 poles. | F021Z010000 | |
| Doppelter 4-poliger Plug&Play-Steckverbinder + Kabel L 600 mm. | Double plug&play connector 4 poles + cable 600 mm lenght. | F021Z020000 | |
| 4-poliger Plug&Play-Steckverbinder + Kabel L 5000 mm. | Plug&play connector 4 poles + cable 5000 mm lenght. | F021Z030000 | |

## Outgraze 50

### Zubehör für die Versionen Quick Install I H2O Stop, Continuous Line I/O H2O Stop und Easy Tunable White (24V) / Accessories for Quick Install I H2O Stop, Continuous Line I/O H2O Stop and Easy Tunable White (24V) versions

| | | | |
|---|---|---|---|
| 4-poliger Plug&Play-Steckverbinder. | Plug&play connector 4 poles. | F021Z010000 | |
| Doppelter 4-poliger Plug&Play-Steckverbinder + Kabel L 600 mm. Klasse III. | Double plug&play connector 4 poles + cable 600 mm lenght.<br>Class III. | F021Z090000 | |
| 4-poliger Plug&Play-Steckverbinder + Kabel L 5000 mm. Klasse III. | Plug&play connector 4 poles + cable 5000 mm lenght.<br>Class III. | F021Z100000 | |

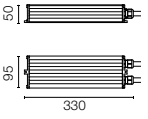
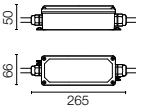
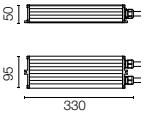
## Outgraze 50

### Zubehör für die Versionen Quick Install I H2O Stop, Continuous Line I/O H2O Stop Dimmable DALI, Easy Dimmable und Tunable White DALI (120-240V) / Accessories for Quick Install I H2O Stop, Continuous Line I/O H2O Stop Dimmable DALI, Easy Dimmable and Tunable White DALI (120-240V) versions

| | | | |
|---|---|---|---|
| 5-poliger Plug&Play-Steckverbinder. | Plug&play connector 5 poles. | F021Z040000 | |
| 5-poliger Plug&Play-Steckverbinder + Kabel L 5000 mm. | Plug&play connector 5 poles + cable 5000 mm lenght. | F021Z060000 | |
| Doppelter 5-poliger Plug&Play-Steckverbinder + Kabel L 600 mm. | Double plug&play connector 5 poles + cable 600 mm lenght. | F021Z050000 | |
| 4-Wege-Abzweigdose 5-polig, IP68 (6-14 mm-Kabel). | 4 way junction box 5 poles IP68 (6-14 mm cables). | F990C030000 | |

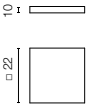
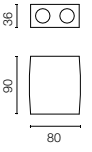
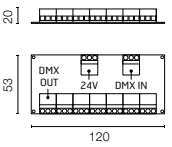
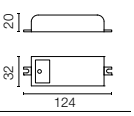
## Outgraze 50

### Stromversorgungen für Easy Tunable White DALI (24V)-Version / Powers supplies for Easy Tunable White DALI (24V) version

| | | | |
|---|---|---|---|
| Netzgerät für den Ferneinbau 24V DC 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24V DC 50W / 120-240V IP67 Class II selv. | RF25755 |   |
| Netzgerät für den Ferneinbau 24V DC 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24V DC 70W / 220-240V IP67 Class II selv. | RF25749 |   |
| Netzgerät für den Ferneinbau 24V DC 96W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24V DC 96W / 120-240V IP67 Class II selv. | RF25756 |   |

## Outgraze 50

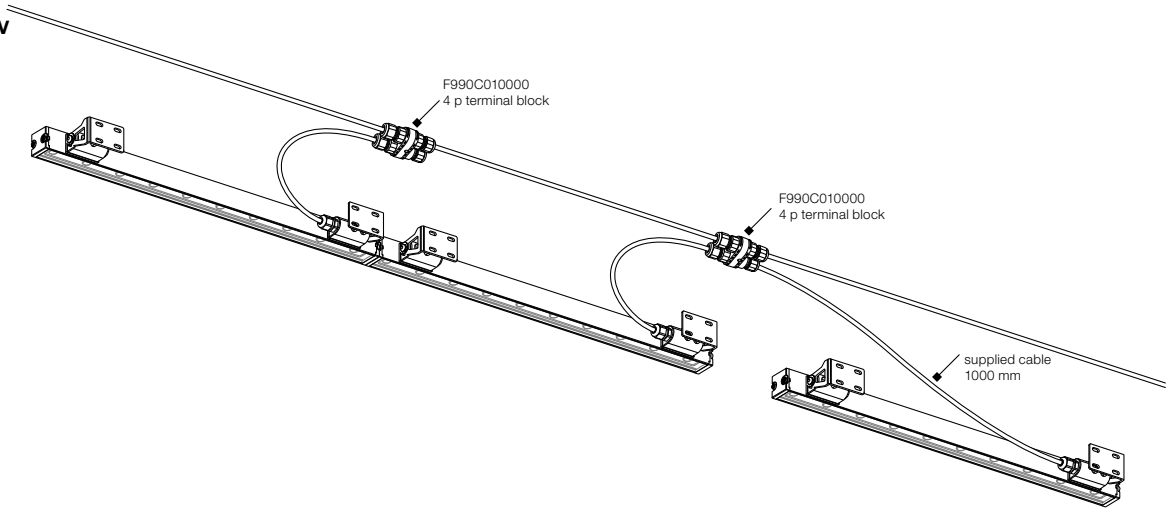
### Zubehör für die RGB-RGBW-Verwaltung / Accessories for RGB-RGBW management

| | | | |
|---|---|---|---|
| DMX-Controller; Dimmer-Schalter für Einbaudose. (60 mm Lochmitte). | DMX controller; dimmer switch for recessed box (60mm hole centres). | F990B10A000 |   |
| DMX Controller; Stand-Alone/PC-Schnittstelle. | DMX controller; stand-alone/pc interface. | F990B11A000 |   |
| DMX-Verteiler 512 - elektronisches Gerät zur Regenerierung des monodirektionalen DMX-Signal. 1 Eingang und 7 Ausgänge, 12-24 V Gleichstrom. Stromversorgung nicht enthalten. | DMX splitter 512 - electronic device to regenerate the monodirectional DMX signal 1 Input and 7 output, 12-24Vdc. Power supply not included. | F990B13A000 |   |
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | RF25747 |   |
| Geschirmtes DMX-Kabel mit konstantem Widerstand (110 Ohm). | DMX cable - shielded twisted pair with 110 Ohm constant impedance. | F990B12A000 | |

**Schaltplan Nr.7 / Wiring diagram n.7**

**Standard:** Ausgangskabelstück mit 1000 mm Länge (Zubehör für den Anschluss ist separat zu bestellen) / 1000 mm lenght prewired cable (connecting accessory to be separately ordered)

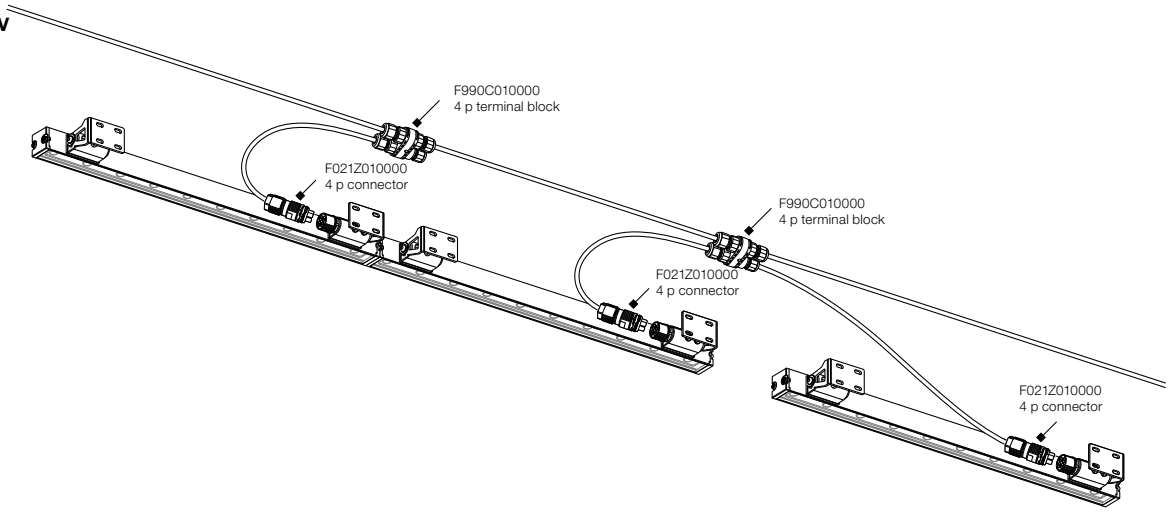
**220-240V**




**Schaltplan Nr.8 / Wiring diagram n.8**

**Quick Install I H2O Stop Fast Connect:** Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately)

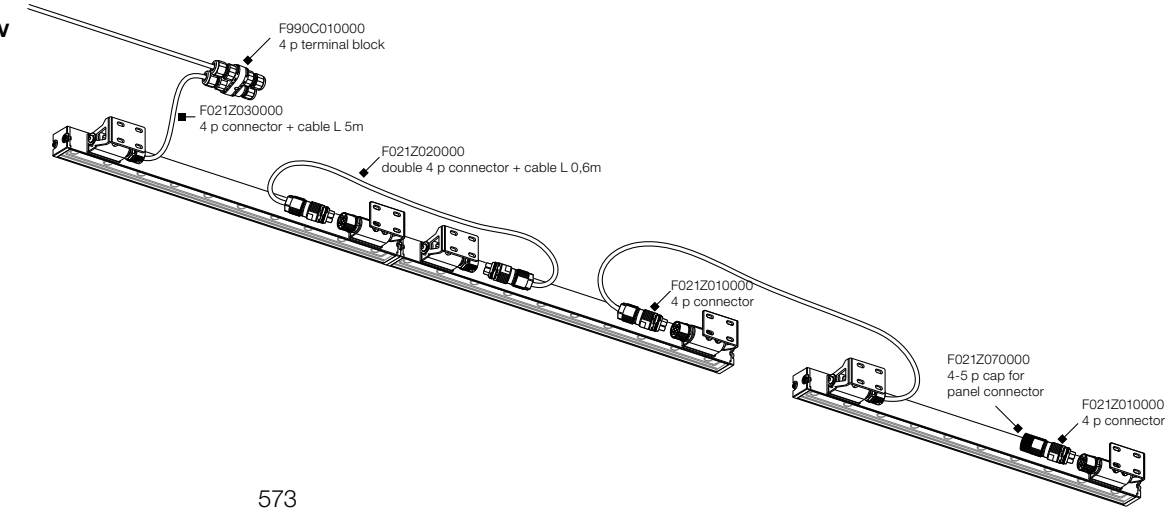
**220-240V**




**Schaltplan Nr.9 / Wiring diagram n.9**

**Continous Line I/O H2O Stop Fast Connect:** Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately)

**220-240V**



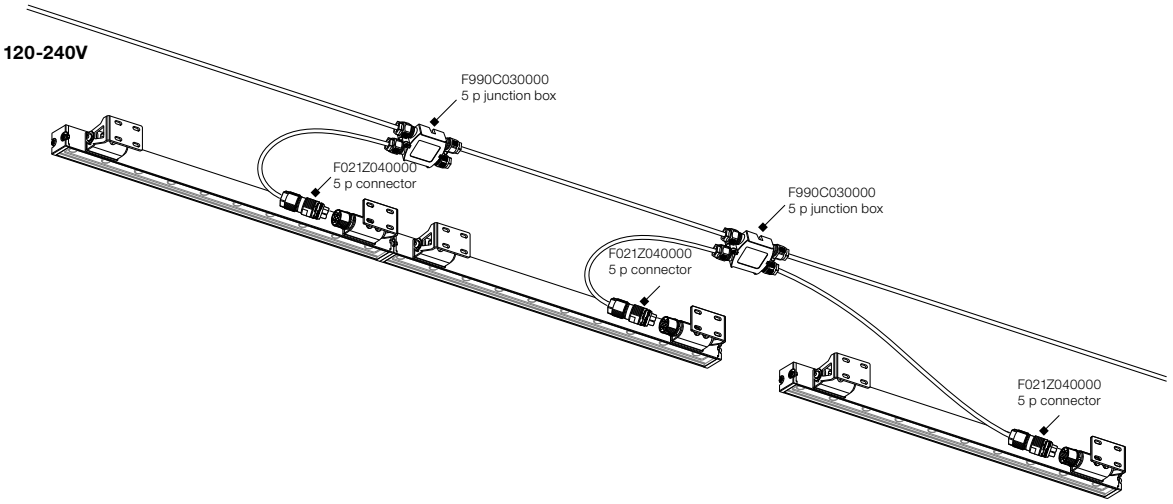
## Outgraze 50

## Standard Dimmable versions and Tunable White (120-240V) and Dimmable Easy versions

**For Dimmable and Tunable White versions**

**Schaltplan Nr.10 / Wiring diagram n.10**

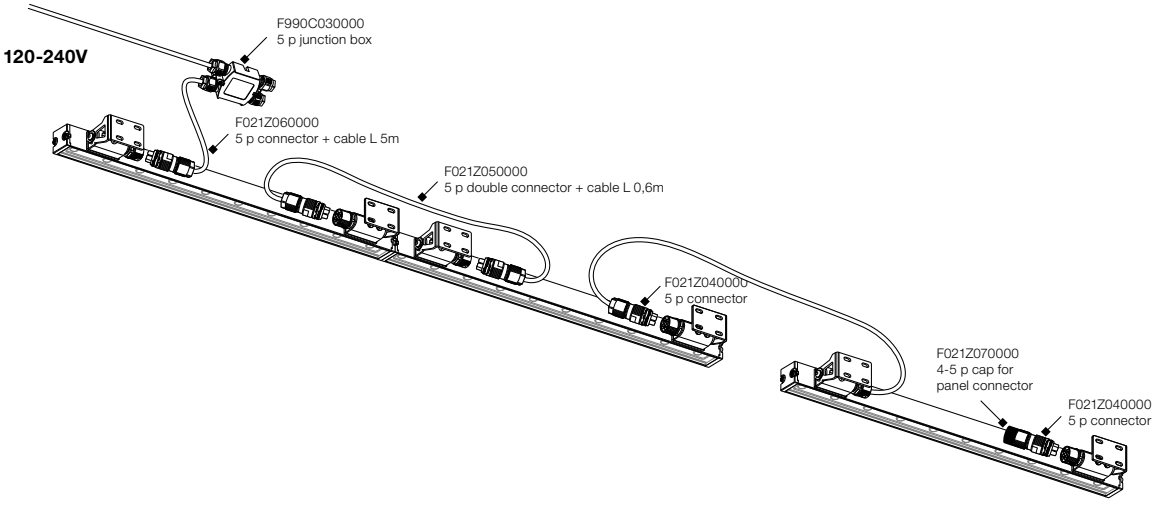
**Quick Install I H2O Stop:** Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately)




**For Dimmable and Tunable White versions**

**Schaltplan Nr.11 / Wiring diagram n.11**

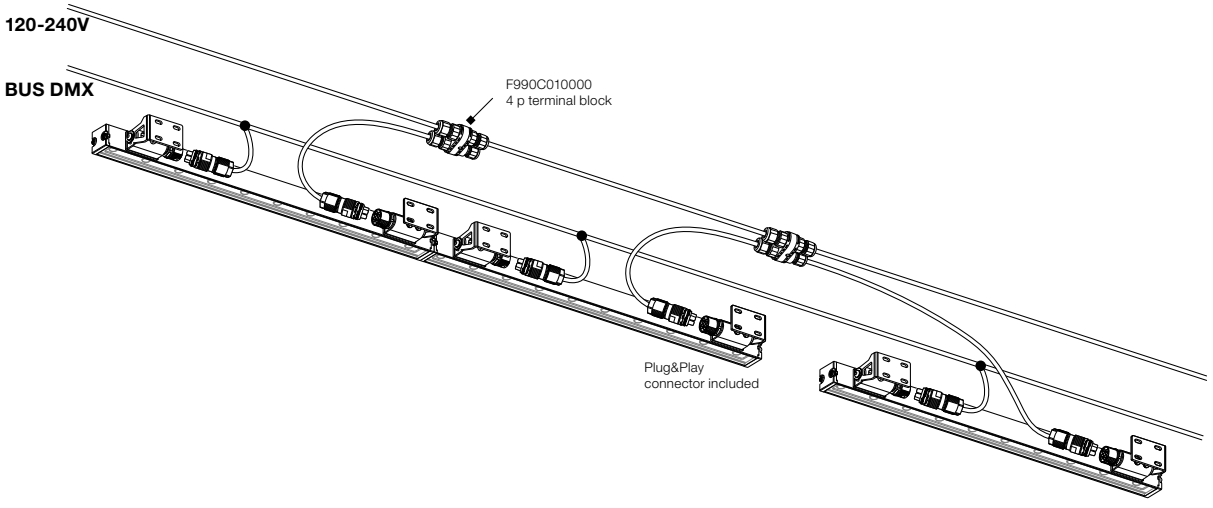
**Continous Line I/O H2O Stop Fast Connect:** Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately)




**For RGB-RGBW versions**

**Schaltplan Nr.12 / Wiring diagram n.12**

Vorinstallierte Plug&Play-Steckverbinder mit IP68-Schutzklasse / Prewired IP68 Plug&Play connectors



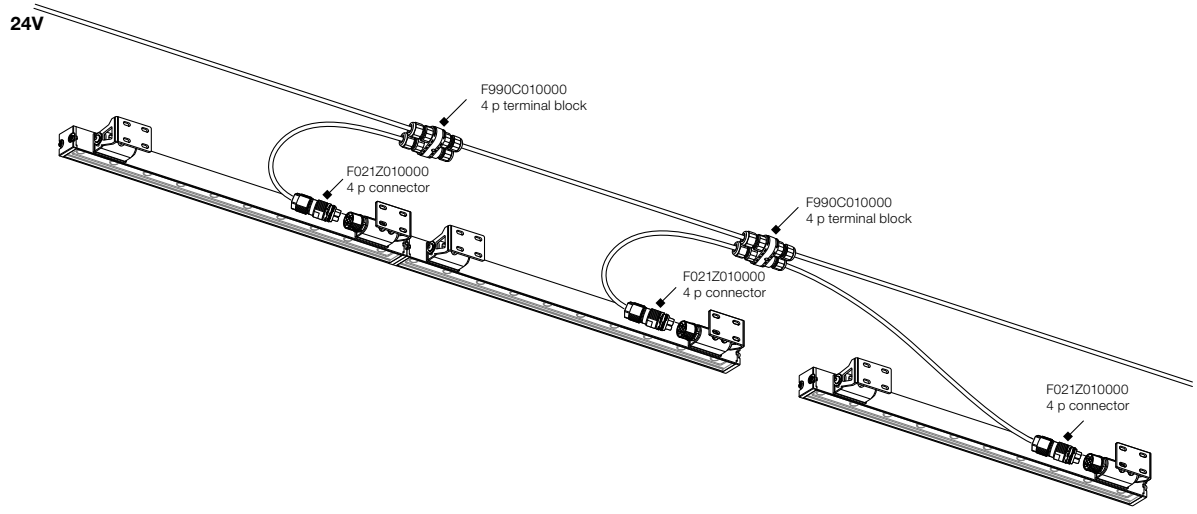
## Outgraze 50

## Easy Tunable White 24V versions

**For Easy Tunable White versions**

**Schaltplan Nr.13 / Wiring diagram n.13**

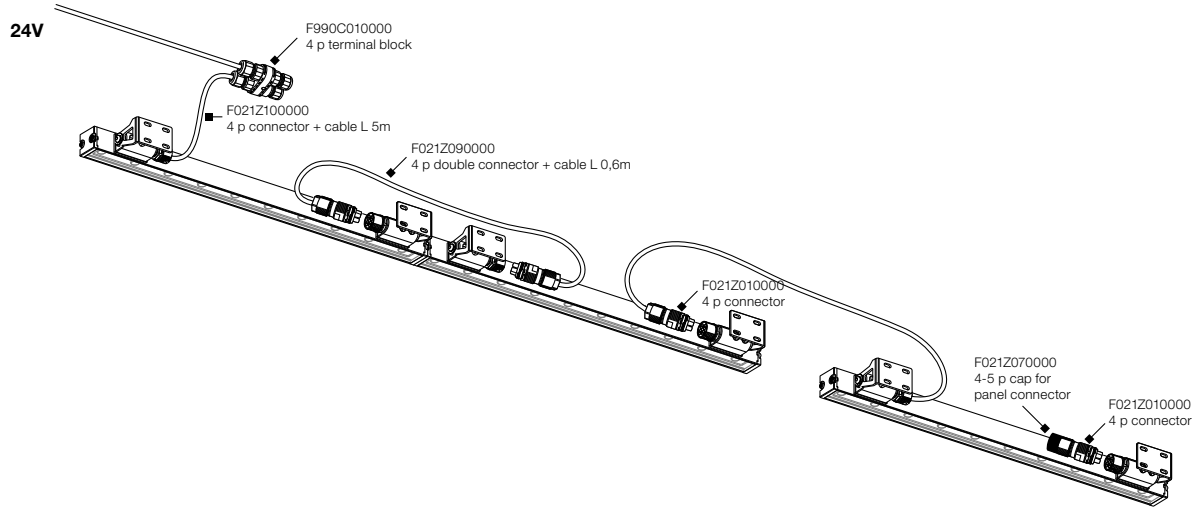
**Quick Install I H2O Stop Fast Connect:** Vorinstallierter H2O Stop Plug&Play-Steckverbinder für eine schnell Verbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connector for an easy/rapid connection (connecting accessory to be ordered separately)



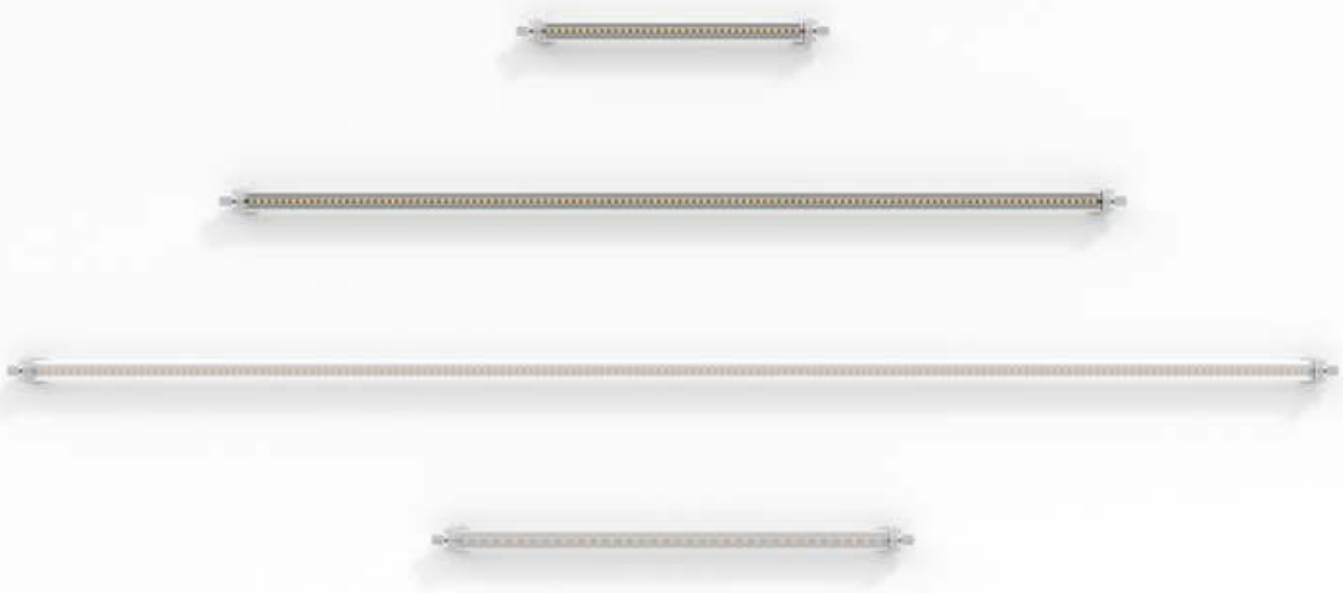

**For Easy Tunable White versions**

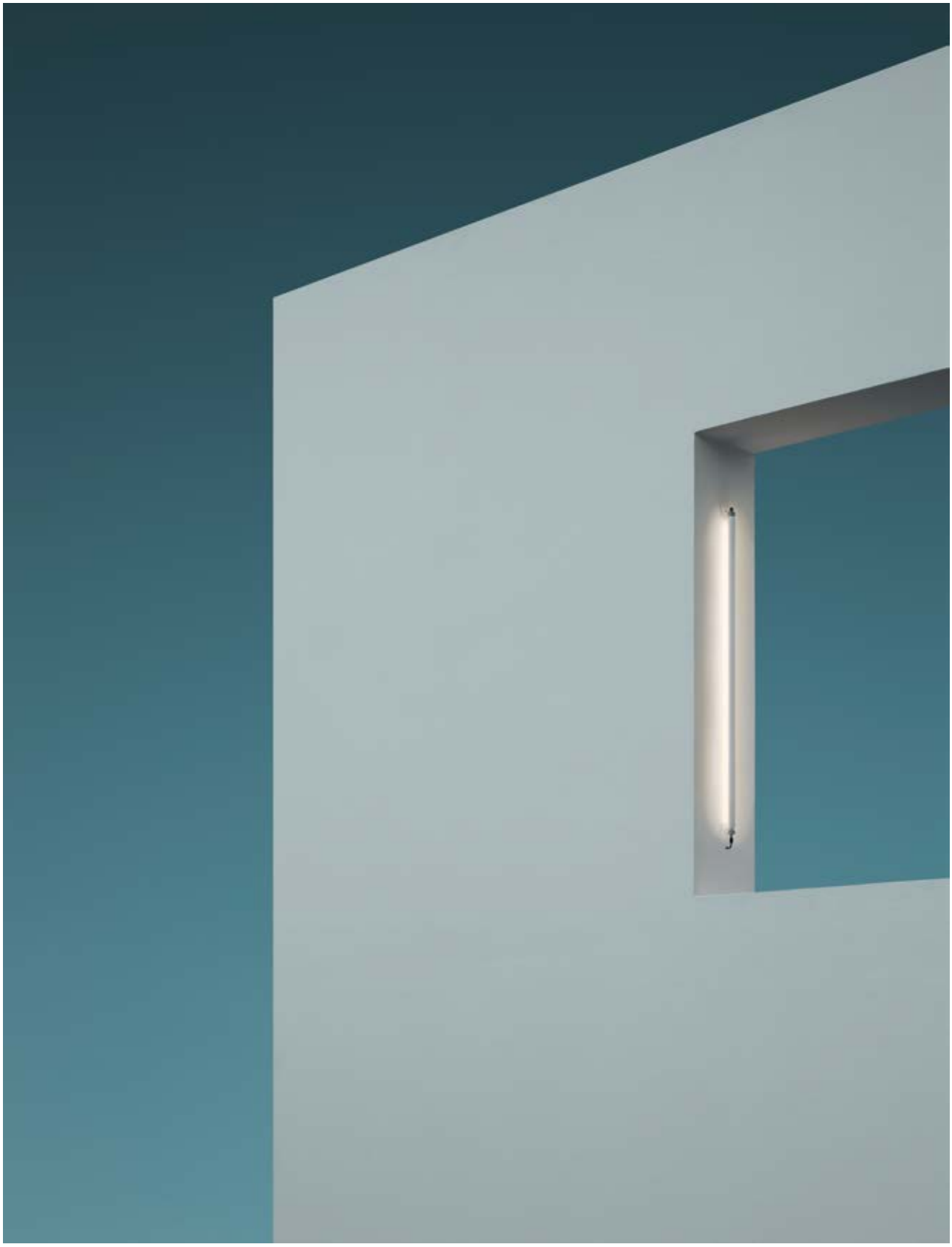
**Schaltplan Nr.14 / Wiring diagram n.14**

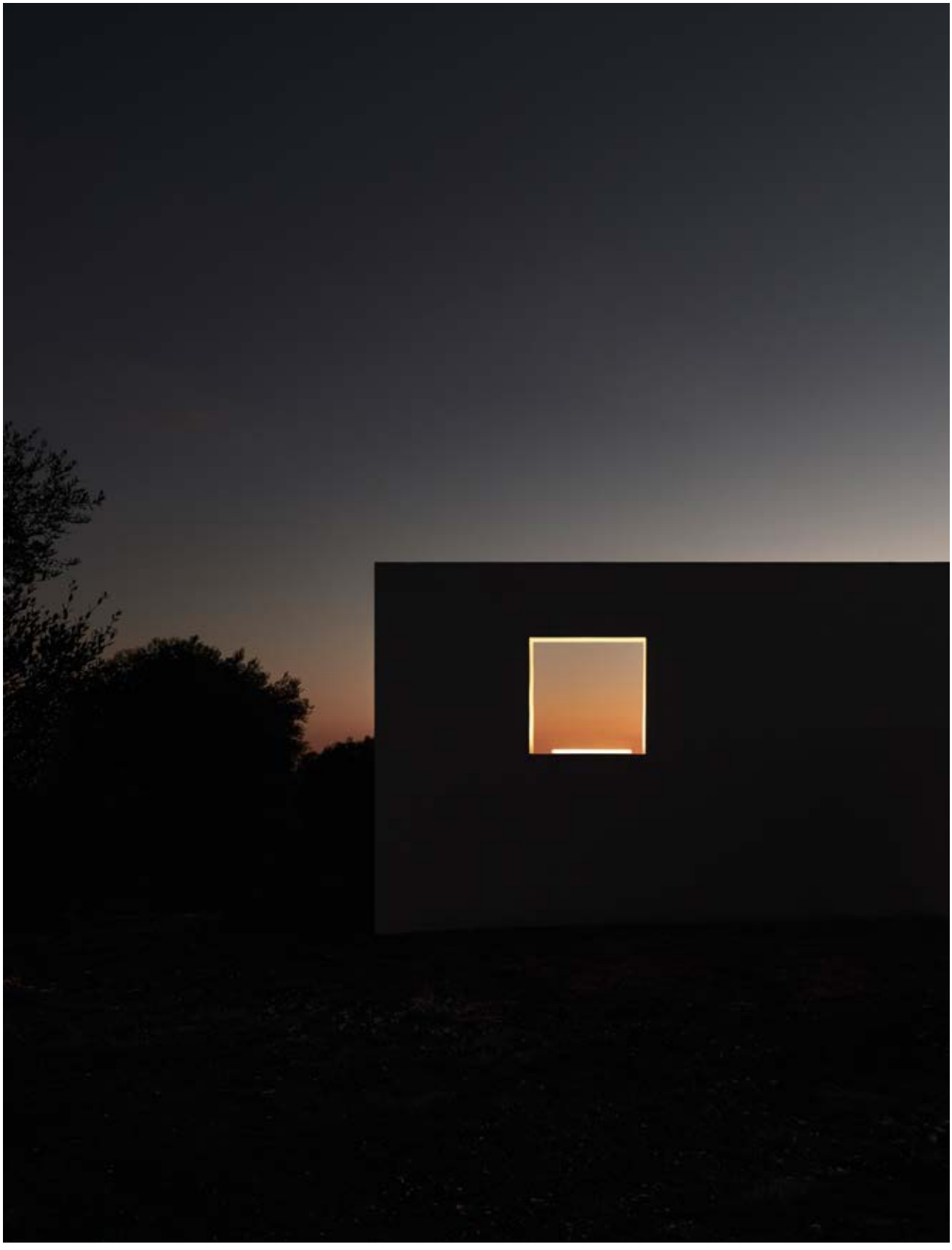
**Continous Line I/O H2O Stop Fast Connect:** Vorinstallierte H2O Stop Plug&Play-Steckverbinder für eine einfache Linienverbindung (Zubehör für den Anschluss ist separat zu bestellen) / Prewired H2O Stop Plug&Play connectors for an easy in line connection (connecting accessory to be ordered separately)



# Tau







Tau L 354

**Low Power Led**
up to 3W
up to 231 lm - 2700K/CRI 80
up to 231 lm - 3000K/CRI 80
up to 231 lm - 4000K/CRI 80
* Net lumen output

Tau Opal L 354

**Low Power Led**
up to 3W
up to 118 lm - 2700K/CRI 80
up to 118 lm - 3000K/CRI 80
up to 118 lm - 4000K/CRI 80
* Net lumen output

Tau L 554

**Low Power Led**
up to 5W
up to 384 lm - 2700K/CRI 80
up to 384 lm - 3000K/CRI 80
up to 384 lm - 4000K/CRI 80
* Net lumen output

Tau Opal L 554

**Low Power Led**
up to 5W
up to 196 lm - 2700K/CRI 80
up to 196 lm - 3000K/CRI 80
up to 196 lm - 4000K/CRI 80
* Net lumen output

Tau L 1054

**Low Power Led**
up to 10W
up to 768 lm - 2700K/CRI 80
up to 768 lm - 3000K/CRI 80
up to 768 lm - 4000K/CRI 80
* Net lumen output

Tau Opal L 1054

**Low Power Led**
up to 10W
up to 392 lm - 2700K/CRI 80
up to 392 lm - 3000K/CRI 80
up to 392 lm - 4000K/CRI 80
* Net lumen output

Tau L 1554

**Low Power Led**
up to 15W
up to 1152 lm - 2700K/CRI 80
up to 1152 lm - 3000K/CRI 80
up to 1152 lm - 4000K/CRI 80
* Net lumen output

Tau Opal L 1554

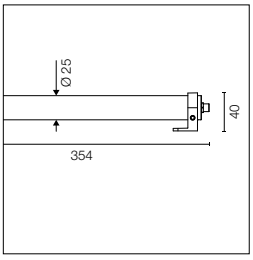
**Low Power Led**
up to 15W
up to 589 lm - 2700K/CRI 80
up to 589 lm - 3000K/CRI 80
up to 589 lm - 4000K/CRI 80
* Net lumen output

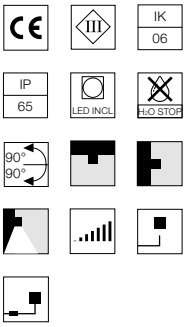
## Beschreibung / Description

Lineare Leuchte mit LED-Quelle zur Wand- oder Deckenmontage. Polycarbonat-Rohrstruktur mit Anti-UV-Filter. Erhältlich in vier Längen und opaler oder transparenter Ausführung. Mattierte Polycarbonat-Befestigungsbügel und eloxierte Aluminiumverschlüsse. Ausgestattet mit Schraubanschlüssen an den Rohrenden, die die Verwendung eines separat zu bestellenden Zuführungskabels erfordern. Sie wird mit einem 2 m langen Kabel für den direkten Anschluss an das Stromnetz oder mit zwei 8 cm oder 20 cm langen Kabeln für die Reihenschaltung geliefert. Maximale Länge für Reihenschaltung: 5 m. 24 V Gleichstrom Leuchte mit Fernstromversorgung, die separat bestellt werden muss.

Linear luminaire with LED light source, for installation on wall or ceiling. Polycarbonate tube structure with anti-UV filter. It is available in four lengths and opal or transparent finishes. Frosted polycarbonate fixing brackets and anodized aluminium closing caps. Equipped with screw connectors at the tube's ends which require the use of a feeding cable to be ordered separately. It is supplied with a 2 m cable for a direct connection to the power supply or two 8 cm or 20 cm cables for series connection. Maximum length for in series installation is 5 m. The 24 V dc luminaire is powered by a remote power supply to be ordered separately.

## Tau L 354



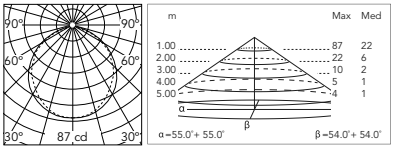




Inklusive LED-Lichtquelle. Gewindeanschluss am Rohrende. 24 V Gleichstrom-Fernstromversorgung und Einzel- oder Serienspeisekabel müssen separat bestellt werden. Transparenter Polycarbonat-Diffusor.
Dimmbar.

LED light source included. Screw connector at the tube's end. 24V dc remote electric power supply and individual or series feeding cables, to be ordered separately Transparent polycarbonate diffuser.
Adjustable light intensity.

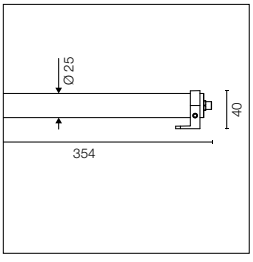
**Low - Power Led:** 3W - 255 lm ≠ OUTPUT 231 lm - 2700K/CRI 80 - 24Vdc / 3W - 255 lm ≠ OUTPUT 231 lm - 3000K/CRI 80 - 24Vdc / 3W - 255 lm ≠ OUTPUT 231 lm - 4000K/CRI 80 - 24Vdc

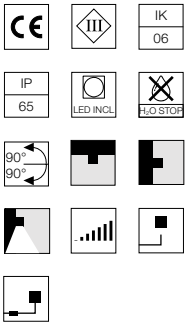
| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA523203 | FA523003 | FA523002 |




@ 4000K

## Tau Opal L 354



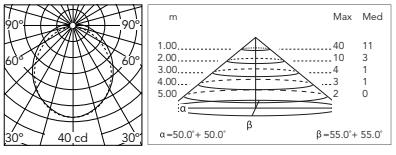




Inklusive LED-Lichtquelle. Gewindeanschluss am Rohrende. 24 V Gleichstrom-Fernstromversorgung und Einzel- oder Serienspeisekabel müssen separat bestellt werden. Opaler Polycarbonat-Diffusor.
Dimmbar.

LED light source included. Screw connector at the tube's end. 24V dc remote electric power supply and individual or series feeding cables, to be ordered separately. Adjustable light intensity.
Opal polycarbonate diffuser.
Adjustable light intensity.

**Low - Power Led:** 3W - 255 lm ≠ OUTPUT 118 lm - 2700K/CRI 80 - 24Vdc / 3W - 255 lm ≠ OUTPUT 118 lm - 3000K/CRI 80 - 24Vdc / 3W - 255 lm ≠ OUTPUT 118 lm - 4000K/CRI 80 - 24Vdc

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA523213 | FA523013 | FA523012 |




@ 4000K

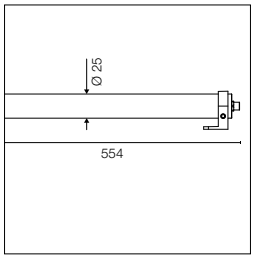
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

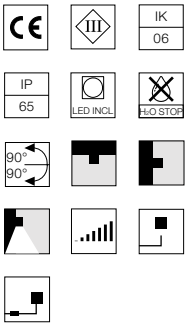
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25754 | 2 | Acc. RF26387.A | 5 |
| Acc. RF25748 | 2 | Acc. RF25752 | 6 |
| Acc. RF25747 | 3 | Acc. RF25755 | 16 |
| Acc. RF25757 | 3 | Acc. RF25749 | 22 |
| Acc. RF25750 | 5 | Acc. RF25756 | 30 |
| Acc. F990B21A000 | 5 | | |

## Tau L 554



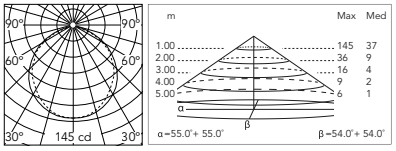




Inklusive LED-Lichtquelle. Gewindeanschluss am Rohrende. 24 V Gleichstrom-Fernstromversorgung und Einzel- oder Serienspeisekabel müssen separat bestellt werden. Transparenter Polycarbonat-Diffusor. Dimmbar.

LED light source included. Screw connector at the tube's end. 24V dc remote electric power supply and individual or series feeding cables, to be ordered separately Transparent polycarbonate diffuser. Adjustable light intensity.

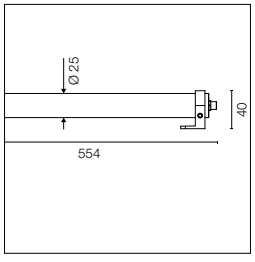
**Low - Power Led:** 5W - 420 lm ≠ OUTPUT 384 lm - 2700K/CRI 80 - 24Vdc / 5W - 420 lm ≠ OUTPUT 384 lm - 3000K/CRI 80 - 24Vdc / 5W - 420 lm ≠ OUTPUT 384 lm - 4000K/CRI 80 - 24Vdc

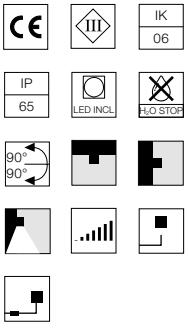
| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA523223 | FA523023 | FA523022 |




@ 4000K

## Tau Opal L 554



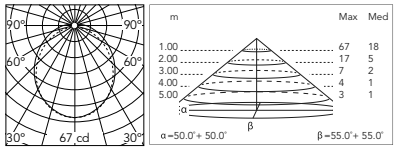




Inklusive LED-Lichtquelle. Gewindeanschluss am Rohrende. 24 V Gleichstrom-Fernstromversorgung und Einzel- oder Serienspeisekabel müssen separat bestellt werden. Opaler Polycarbonat-Diffusor. Dimmbar.

LED light source included. Screw connector at the tube's end. 24V dc remote electric power supply and individual or series feeding cables, to be ordered separately. Adjustable light intensity. Opal polycarbonate diffuser. Adjustable light intensity.

**Low - Power Led:** 5W - 420 lm ≠ OUTPUT 196 lm - 2700K/CRI 80 - 24Vdc / 5W - 420 lm ≠ OUTPUT 196 lm - 3000K/CRI 80 - 24Vdc / 5W - 420 lm ≠ OUTPUT 196 lm - 4000K/CRI 80 - 24Vdc

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA523233 | FA523033 | FA523032 |




@ 4000K

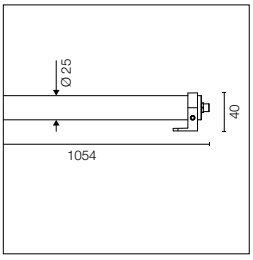
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

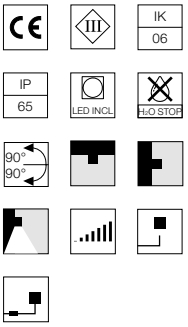
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | |
|---|---|
| Acc. RF25754 | 1 |
| Acc. RF25748 | 1 |
| Acc. RF25747 | 2 |
| Acc. RF25757 | 2 |
| Acc. RF25750 | 3 |
| Acc. F990B21A000 | 3 |
| Acc. RF26387.A | 3 |
| Acc. RF25752 | 4 |
| Acc. RF25755 | 10 |
| Acc. RF25749 | 14 |
| Acc. RF25756 | 18 |

## Tau L 1054



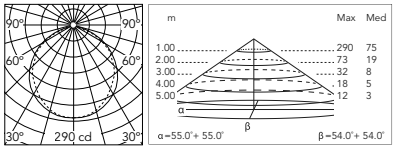




Inklusive LED-Lichtquelle. Gewindeanschluss am Rohrende. 24 V Gleichstrom-Fernstromversorgung und Einzel- oder Serienspeisekabel müssen separat bestellt werden. Transparenter Polycarbonat-Diffusor.
Dimmbar.

LED light source included. Screw connector at the tube's end. 24V dc remote electric power supply and individual or series feeding cables, to be ordered separately Transparent polycarbonate diffuser.
Adjustable light intensity.

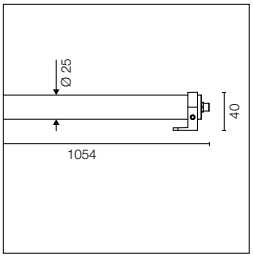
**Low - Power Led:** 10W - 840 lm ≠ OUTPUT 768 lm - 2700K/CRI 80 - 24Vdc / 10W - 840 lm ≠ OUTPUT 768 lm - 3000K/CRI 80 - 24Vdc / 10W - 840 lm ≠ OUTPUT 768 lm - 4000K/CRI 80 - 24Vdc

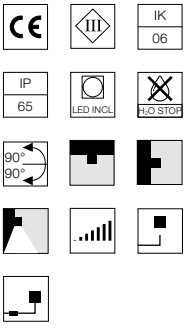
| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA523243 | FA523043 | FA523042 |




@ 4000K

## Tau Opal L 1054



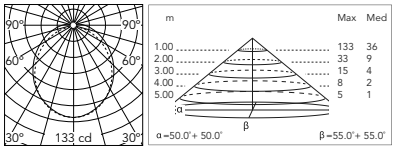




Inklusive LED-Lichtquelle. Gewindeanschluss am Rohrende. 24 V Gleichstrom-Fernstromversorgung und Einzel- oder Serienspeisekabel müssen separat bestellt werden. Opaler Polycarbonat-Diffusor.
Dimmbar.

LED light source included. Screw connector at the tube's end. 24V dc remote electric power supply and individual or series feeding cables, to be ordered separately. Adjustable light intensity.
Opal polycarbonate diffuser.
Adjustable light intensity.

**Low - Power Led:** 10W - 840 lm ≠ OUTPUT 393 lm - 2700K/CRI 80 - 24Vdc / 10W - 840 lm ≠ OUTPUT 393 lm - 3000K/CRI 80 - 24Vdc / 10W - 840 lm ≠ OUTPUT 393 lm - 4000K/CRI 80 - 24Vdc

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| FA523253 | FA523053 | FA523052 |




@ 4000K

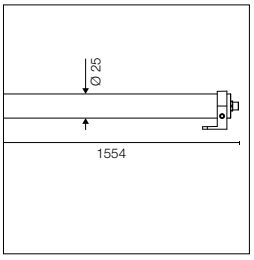
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

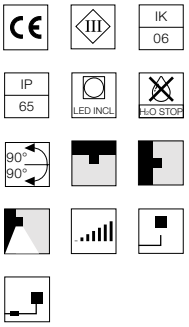
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25750 | 1 | Acc. RF25755 | 5 |
| Acc. F990B21A000 | 1 | Acc. RF25749 | 7 |
| Acc. RF26387.A | 1 | Acc. RF25756 | 9 |
| Acc. RF25752 | 2 | | |

## Tau L 1554




Inklusive LED-Lichtquelle. Gewindeanschluss am Rohrende. 24 V Gleichstrom-Fernstromversorgung und Einzel- oder Serienspeisekabel müssen separat bestellt werden. Transparenter Polycarbonat-Diffusor.
Dimmbar.

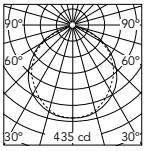
LED light source included. Screw connector at the tube's end. 24V dc remote electric power supply and individual or series feeding cables, to be ordered separately
Transparent polycarbonate diffuser.
Adjustable light intensity.

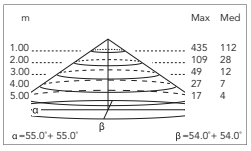
**Low - Power Led:** 15W - 1260 lm ≠ OUTPUT 1152 lm - 2700K/CRI 80 - 24Vdc / 15W - 1260 lm ≠ OUTPUT 1152 lm - 3000K/CRI 80 - 24Vdc / 15W - 41260 lm ≠ OUTPUT 1152 lm - 4000K/CRI 80 - 24Vdc

**2700K**
FA523263

**3000K**
FA523063

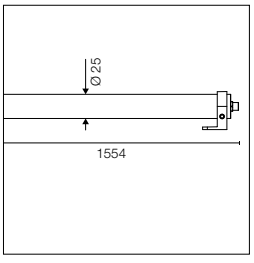
**4000K**
FA523062

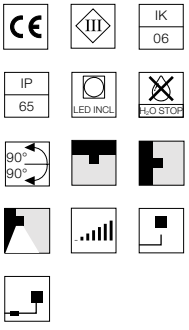



@ 4000K

## Tau Opal L 1554




Inklusive LED-Lichtquelle. Gewindeanschluss am Rohrende. 24 V Gleichstrom-Fernstromversorgung und Einzel- oder Serienspeisekabel müssen separat bestellt werden. Opaler Polycarbonat-Diffusor.
Dimmbar.

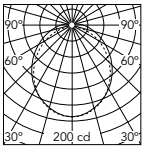
LED light source included. Screw connector at the tube's end. 24V dc remote electric power supply and individual or series feeding cables, to be ordered separately. Adjustable light intensity.
Opal polycarbonate diffuser.
Adjustable light intensity.

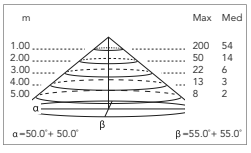
**Low - Power Led:** 15W - 1260 lm ≠ OUTPUT 589 lm - 2700K/CRI 80 - 24Vdc / 15W - 1260 lm ≠ OUTPUT 589 lm - 3000K/CRI 80 - 24Vdc / 15W - 41260 lm ≠ OUTPUT 589 lm - 4000K/CRI 80 - 24Vdc

**2700K**
FA523273

**3000K**
FA523073

**4000K**
FA523072



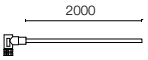
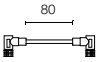
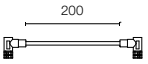




@ 4000K

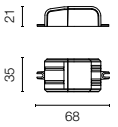
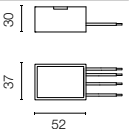
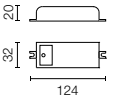
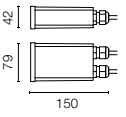
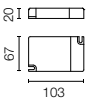
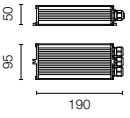
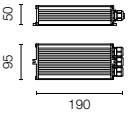
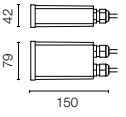
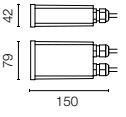
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | | | | | |
|---|---|---|---|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | Acc. RF25750 | 1 | Acc. RF25755 | 3 |
| | | Acc. F990B21A000 | 1 | Acc. RF25749 | 4 |
| | | Acc. RF26387.A | 1 | Acc. RF25756 | 6 |
| | | Acc. RF25752 | 1 | | |

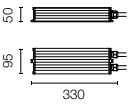
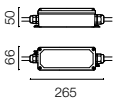
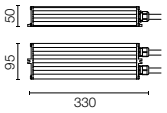
## Tau: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Kabel L. 2000 mm<br>Einzelanschluss. | Supply cable L.2000mm<br>Single connector. | FA172 | |  |
| Kabel L.80mm<br>Doppelanschluss. | Supply cable L.80mm<br>Double connector. | FA173 | |  |
| Kabel L.200mm<br>Doppelanschluss. | Supply cable L.200mm<br>Double connector. | FA174 | |  |

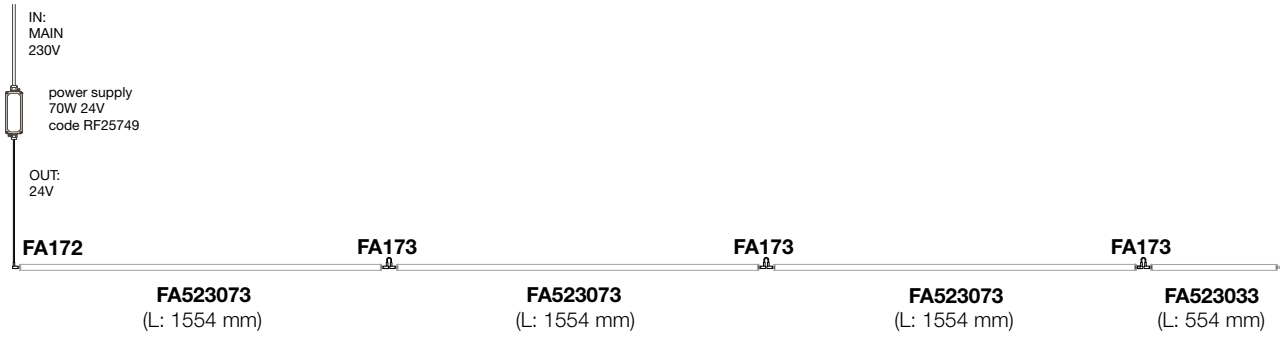
## Tau: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Stromversorgung<br>Doppelfunktion Vout 24V<br>Gleichstrom: 8 W/100÷240 V<br>Iout 350 ma: 6x1 W/100÷240 V<br>IP20 Klasse II Selv Eq. | Power supply dual function<br>Vout 24Vdc: 8W/100÷240V<br>Iout 350ma: 6x1W/100÷240V<br>IP20 Class II Selv Eq. | Tau L 554<br>*RF25754 | |  |
| Netzgerät 24V 8W / 110-240V<br>IP65 Klasse II selv. | Power supply 24V 8W / 110-<br>240V IP65 Class II selv. | Tau L 554<br>*RF25748 | |  |
| Netzgerät 24V 10W / 110-<br>240V IP20 Klasse II selv. | Power supply 24V 10W /110-<br>240V IP20 Class II selv. | Tau L 554<br>*RF25747 | |  |
| Netzgerät 24V 10W / 110-<br>240V IP67 Klasse II selv. | Power supply 24V 10W /<br>110-240V IP67 Class II selv. | Tau L 554<br>*RF25757 | |  |
| Netzgerät für den Ferneinbau<br>24Vdc 17W /N110-240V<br>(15W@110V) IP20 Klasse II<br>selv. | Power supply for remote<br>installation 24Vdc 17W /<br>110-240V (15W@110V) IP20<br>Class II selv. | *RF25750<br>Dimmable Push-Dim Or 1-10V<br>See Wiring Diagram n.4. Page 780. | |  |
| Netzgerät 17W/110÷240V<br>- 24Vdc (15W@110V) IP67<br>Klasse II selv. | Power supply 17W/110÷240V<br>- 24Vdc (15W@110V) IP67<br>Class II Selv. | *F990B21A000<br>Dimmable Push-Dim Or 1-10V<br>See Wiring Diagram n.4. Page 780. | |  |
| Netzgerät für den Ferneinbau<br>24Vdc 20W / 110-240Vdc<br>(15W@110V) IP67 Klasse II<br>selv. | Power supply for remote<br>installation 24Vdc 20W /<br>110-240Vdc (15W@110V) IP67<br>Class II selv. | *RF26387.A<br>Dimmable DALI<br>See Wiring Diagram n.4. Page 780. | |  |
| Netzgerät für den Ferneinbau<br>24Vdc 20W / 220- 240V IP67<br>Klasse II selv. | Power supply for remote<br>installation 24Vdc 20W / 220-<br>240V IP67 Class II selv. | *RF25752 | |  |
| Netzgerät 24Vdc 35W / 120-<br>270V IP67 Klasse II selv. | Power supply 24Vdc 35W /<br>120-270V IP67 Class II selv. | F990B23AZ00 | |  |

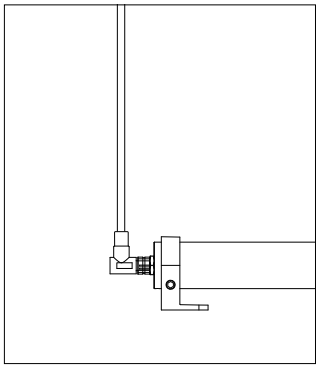
## Tau: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |   |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |   |
| Netzgerät für den Ferneinbau 24Vdc 96W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 96W / 120-240V IP67 Class II selv. | *RF25756 | |   |

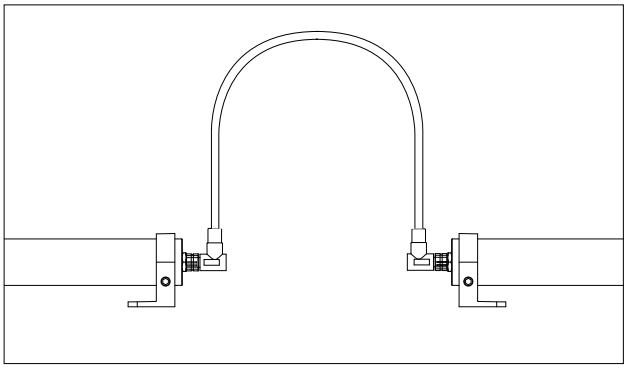
**Installationsbeispiel / Example of configuration**




Maximale Länge 5 m / Max length in continuous 5mt



Acc. FA172



Acc. FA173

## Cielo

Cielo

## Familie / Family

Cielo L 645

**Power Led**
up to 16W
up to 1222 lm - 2700K/CRI 80
up to 1314 lm - 3000K/CRI 80
up to 1423 lm - 4000K/CRI 80
* Net lumen output

Cielo L 1245

**Power Led**
up to 32W
up to 2444 lm - 2700K/CRI 80
up to 2628 lm - 3000K/CRI 80
up to 2847 lm - 4000K/CRI 80
* Net lumen output

Cielo Opal L 645 RGB

**RGB - Power Led**
up to 26W
* Net lumen output

Cielo Opal L 1245 RGB

**RGB - Power Led**
up to 26W
* Net lumen output

## Ausführungen / Colours

06 Grey

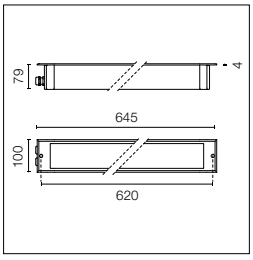
33 Anthracite

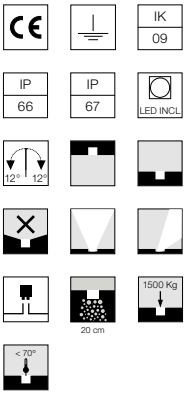
## Beschreibung / Description

Lineare begehbare Bodeneinbauleuchte. Sie kann auch an der Wand oder an der Decke mit einer speziellen Anschlussdose und in einer Zwischendecke mit einer speziellen Struktur montiert werden. Gehäuse aus stranggepresstem Aluminium mit Doppelkopf aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil). 8 mm starker Diffusor aus gehärtetem Glas, transparent oder mattiert, mit Siebdruckkante und mit einem Roboterklebesystem befestigt. Die Leuchte ist mit zwei M20 Plastik-Kabelführungen verkabelt. Angebracht an einem der Enden, verbinden sie die Leuchte mit dem elektrischen Modul, das auf einer abnehmbaren Platte befestigt ist. Der schwenkbare Strahler auf der vertikalen Achse erleichtert die Ausrichtung des Lichtstrahls. Die Serie wird mit der RGB-Version vervollständigt, die die Kreation farbiger Lichtszenarien ermöglicht. In dieser Version hat die Leuchte zwei Kabelanzeigen für einen einfacheren Anschluss. Die Montage benötigt eine spezifische Dose, die separat bestellt werden muss. Um Wasseransammlung zu vermeiden, muss der untere Teil der Dose mit einer Schicht aus abfließendem Material oder einem anderen Abflusssystem isoliert werden. Um den Erhalt der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

Linear ground-recessed walkable luminaire. It can also be wall or ceiling mounted with a specific junction box and in a false ceiling with a specific structure. Extruded aluminum body with EN AB-47100 die cast aluminum double header (with low copper content). 8mm thick tempered glass diffuser, transparent or frosted, with silkscreen edge and attached with a robotic gluing system. The luminaire is cabled with two M20 plastic cable guides. Set at one of the ends, they connect the luminaire with the electric module fixed on a removable panel. The tilting spotlight on the vertical axis facilitates the direction of the light beam. To complete the series, there's also the RGB version which allows the creation of colored light sceneries. In this version, the luminaire has two cable indicators for an easier connection. The installation requires a specific box that needs to be ordered separately. To avoid water stagnation, the bottom part of said box needs to be isolated with a layer of draining material or another drain system. To ensure the preservation of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

## Cielo L 645




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Einstellung auf der vertikalen Achse: max. 12°. Die nötige Anschlussdose oder die Struktur für die Montage auf Gipskarton müssen separat bestellt werden. Mit zwei M20 Kabelführungen (6<ø<12 mm Kabel) für den Anschluss zum wasserdichten elektrischen Modul. Extraklares transparentes Glas.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Adjustment on the vertical axis: max. 12°. The necessary junction box or the structure for plasterboard installation need to be ordered separately. With two M20 cable guides (6<ø<12mm cables) for the connection to the watertight electrical module. Extraclear transparent glass.

### Optic Spot 10°

**Power Led:** 16W - 1339 lm ≠ OUTPUT 1222 lm - 2700K/CRI 80 - 220÷240V / 16W - 1440 lm ≠ OUTPUT 1314 lm - 3000K/CRI 80 - 220÷240V / 16W - 1560 lm ≠ OUTPUT 1423 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA94851206
- FA94851233

1-10V
- FA94851206-310
- FA94851233-310

Dali
- FA94851206-300
- FA94851233-300

**3000K**

Non Dimmable
- FA94831206
- FA94831233

1-10V
- FA94831206-310
- FA94831233-310

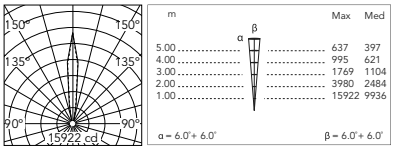
Dali
- FA94831206-300
- FA94831233-300

**4000K**

Non Dimmable
- FA941861206
- FA941861233

1-10V
- FA941861206-310
- FA941861233-310

Dali
- FA941861206-300
- FA941861233-300




@ 4000K

### Optic Medium 45°

**Power Led:** 16W - 1339 lm ≠ OUTPUT 1071 lm - 2700K/CRI 80 - 220÷240V / 16W - 1440 lm ≠ OUTPUT 1152 lm - 3000K/CRI 80 - 220÷240V / 16W - 1560 lm ≠ OUTPUT 1248 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA94851306
- FA94851333

1-10V
- FA94851306-310
- FA94851333-310

Dali
- FA94851306-300
- FA94851333-300

**3000K**

Non Dimmable
- FA94831306
- FA94831333

1-10V
- FA94831306-310
- FA94831333-310

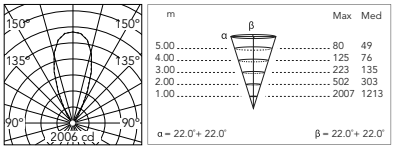
Dali
- FA94831306-300
- FA94831333-300

**4000K**

Non Dimmable
- FA941861306
- FA941861333

1-10V
- FA941861306-310
- FA941861333-310

Dali
- FA941861306-300
- FA941861333-300




@ 4000K

### Elliptical Optic - 12°+ 54°

**Power Led:** 16W - 1339 lm ≠ OUTPUT 1074 lm - 2700K/CRI 80 - 220÷240V / 16W - 1440 lm ≠ OUTPUT 1155 lm - 3000K/CRI 80 - 220÷240V / 16W - 1560 lm ≠ OUTPUT 1251 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA948513106
- FA948513133

1-10V
- FA948513106-310
- FA948513133-310

Dali
- FA948513106-300
- FA948513133-300

**3000K**

Non Dimmable
- FA948313106
- FA948313133

1-10V
- FA948313106-310
- FA948313133-310

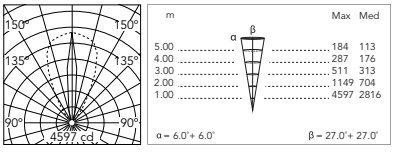
Dali
- FA948313106-300
- FA948313133-300

**4000K**

Non Dimmable
- FA9418613106
- FA9418613133

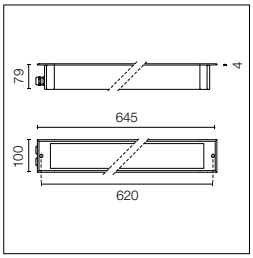
1-10V
- FA9418613106-310
- FA9418613133-310

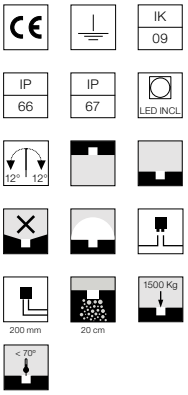
Dali
- FA9418613106-300
- FA9418613133-300




@ 4000K

## Cielo Opal L 645 RGB




Inklusive RGB LED-Quelle. Elektrische Stromversorgung 220-240 V mit integrierter DMX-RDM Schnittstelle. Einstellung auf der vertikalen Achse: max. 12°. Die nötige Anschlussdose oder die Struktur für die Montage auf Gipskarton müssen separat bestellt werden. Ausgestattet mit zwei 200 mm überstehenden Neoprenkabeln und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren.

**Kabeldiagramm und RGB-System-Installation.**

Siehe Kabeldiagramm Nr.8, Seite 783.

RGB LED source included. Electrical power supply 220-240V with integrated DMX-RDM interface. Adjustment on the vertical axis: max. 12°. The necessary junction box or the structure for plasterboard installation need to be ordered separately. Equipped with two 200mm protruding sections of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Frosted glass.

**Wiring diagram and installation scheme RGB.**

See Wiring Diagram n.8 Page 783.

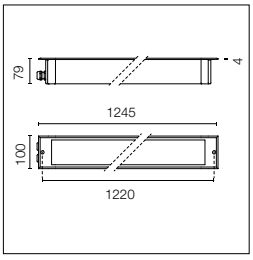
**RGB Power Led:** 26W - 220÷240V

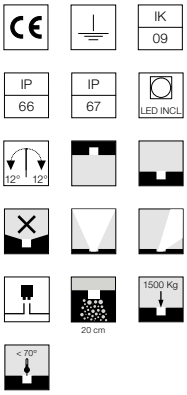
**RGB**

- FA941871306
- FA941871333

Photometric data on request.

## Cielo L 1245




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Einstellung auf der vertikalen Achse: max. 12°. Die nötige Anschlussdose oder die Struktur für die Montage auf Gipskarton müssen separat bestellt werden. Mit zwei M20 Kabelführungen (6<ø<12 mm Kabel) für den Anschluss zum wasserdichten elektrischen Modul. Extraklares transparentes Glas.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Adjustment on the vertical axis: max. 12°. The necessary junction box or the structure for plasterboard installation need to be ordered separately. With two M20 cable guides (6<ø<12mm cables) for the connection to the watertight electrical module. Extraclear transparent glass.

### Optic Spot 10°

**Power Led:** 32W - 2678 lm ≠ OUTPUT 2444 lm - 2700K/CRI 80 - 220÷240V / 32W - 2880 lm ≠ OUTPUT 2628 lm - 3000K/CRI 80 - 220÷240V / 32W - 3120 lm ≠ OUTPUT 2847 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA94861206
- FA94861233

1-10V
- FA94861206-310
- FA94861233-310

Dali
- FA94861206-300
- FA94861233-300

**3000K**

Non Dimmable
- FA94801206
- FA94801233

1-10V
- FA94801206-310
- FA94801233-310

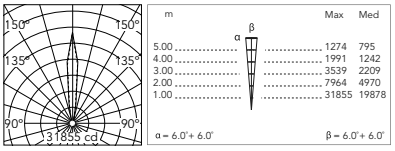
Dali
- FA94801206-300
- FA94801233-300

**4000K**

Non Dimmable
- FA941881206
- FA941881233

1-10V
- FA941881206-310
- FA941881233-310

Dali
- FA941881206-300
- FA941881233-300




@ 4000K

### Optic Medium 45°

**Power Led:** 32W - 2678 lm ≠ OUTPUT 2142 lm - 2700K/CRI 80 - 220÷240V / 32W - 2880 lm ≠ OUTPUT 2303 lm - 3000K/CRI 80 - 220÷240V / 32W - 3120 lm ≠ OUTPUT 2495 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA94861306
- FA94861333

1-10V
- FA94861306-310
- FA94861333-310

Dali
- FA94861306-300
- FA94861333-300

**3000K**

Non Dimmable
- FA94801306
- FA94801333

1-10V
- FA94801306-310
- FA94801333-310

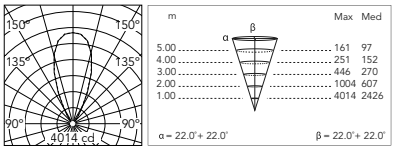
Dali
- FA94801306-300
- FA94801333-300

**4000K**

Non Dimmable
- FA941881306
- FA941881333

1-10V
- FA941881306-310
- FA941881333-310

Dali
- FA941881306-300
- FA941881333-300




@ 4000K

### Elliptical Optic - 12°+ 54°

**Power Led:** 32W - 2678 lm ≠ OUTPUT 2148 lm - 2700K/CRI 80 - 220÷240V / 32W - 2880 lm ≠ OUTPUT 2310 lm - 3000K/CRI 80 - 220÷240V / 32W - 3120 lm ≠ OUTPUT 2503 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA948613106
- FA948613133

1-10V
- FA948613106-310
- FA948613133-310

Dali
- FA948613106-300
- FA948613133-300

**3000K**

Non Dimmable
- FA948013106
- FA948013133

1-10V
- FA948013106-310
- FA948013133-310

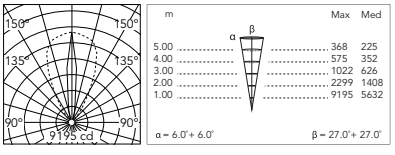
Dali
- FA948013106-300
- FA948013133-300

**4000K**

Non Dimmable
- FA9418813106
- FA9418813133

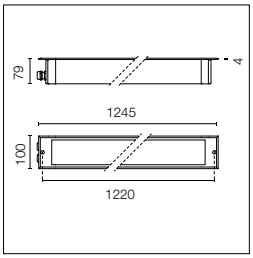
1-10V
- FA9418813106-310
- FA9418813133-310

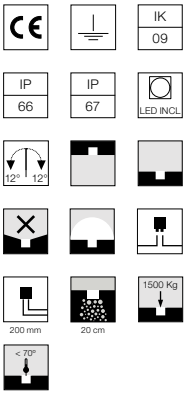
Dali
- FA9418813106-300
- FA9418813133-300




@ 4000K

## Cielo Opal L 1245 RGB




Inklusive RGB LED-Quelle. Elektrische Stromversorgung 220-240 V mit integrierter DMX-RDM Schnittstelle. Einstellung auf der vertikalen Achse: max. 12°. Die nötige Anschlussdose oder die Struktur für die Montage auf Gipskarton müssen separat bestellt werden. Ausgestattet mit zwei 200 mm überstehenden Neoprenkabeln und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren.

**Kabeldiagramm und RGB-System-Installation.**

Siehe Kabeldiagramm Nr. 8, Seite 783.

RGB LED source included. Electrical power supply 220-240V with integrated DMX-RDM interface. Adjustment on the vertical axis: max. 12°. The necessary junction box or the structure for plasterboard installation need to be ordered separately. Equipped with two 200mm protruding sections of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Frosted glass.

**Wiring diagram and installation scheme RGB.**

See Wiring Diagram n.8 Page 783.

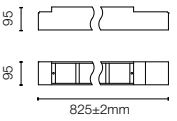
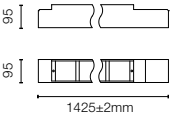
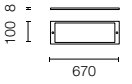
**RGB Power Led:** 48W - 220÷240V

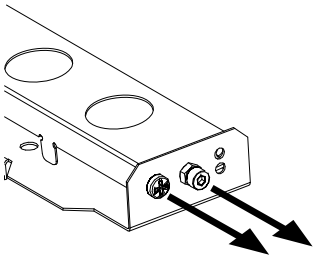
**RGB**

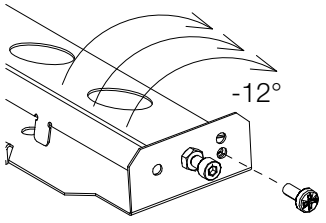
- FA941891306
- FA941891333

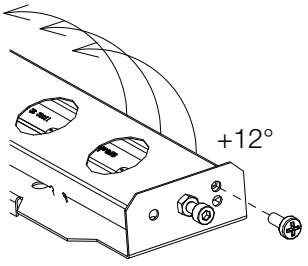
Photometric data on request.

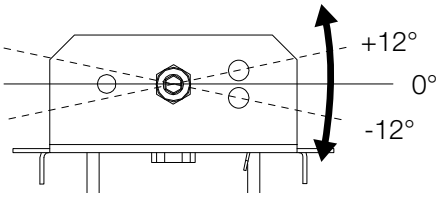
## Cielo: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Einbaugehäuse. | Box for installation. | Cielo L 645<br>FA71 | |  |
| Einbaugehäuse. | Box for installation. | Cielo L 1245<br>FA72 | |  |
| Rahmen für Deckeneinbaumontage | Frame for recessed installation in the ceiling | Cielo L 645<br>FA81 | |  |
| Rahmen für Deckeneinbaumontage | Frame for recessed installation in the ceiling | Cielo L 1245<br>FA82 | | |

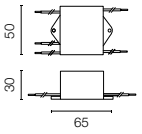




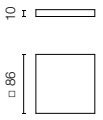
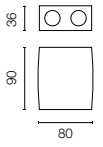
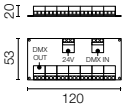



## Cielo: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20us). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20us). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 | |  |

## Cielo RGB: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| DMX-Controller; Dimmer-Schalter für Einbaudose. (60 mm Lochmitte). | DMX controller; dimmer switch for recessed box (60mm hole centres). | F990B10A000 | |  |
| DMX Controller; Stand-Alone/PC-Schnittstelle. | DMX controller; stand-alone/pc interface. | F990B11A000 | |  |
| DMX-Verteiler 512 - elektronisches Gerät zur Regenerierung des monodirektionalen DMX-Signal. 1 Eingang und 7 Ausgänge, 12-24 V Gleichstrom. Stromversorgung nicht enthalten. | DMX splitter 512 - electronic device to regenerate the monodirectional DMX signal 1 Input and 7 output, 12-24Vdc. Power supply not included. | F990B13A000 | |  |
| Geschirmtes DMX-Kabel mit konstantem Widerstand (110 Ohm). | DMX cable - shielded twisted pair with 110 Ohm constant impedance. | F990B12A000 | | |

## Eclipse

Eclipse

## Familie / Family

Eclipse

**Mid-Power Led**
up to 10W
up to 387 lm - 2700K/CRI 80
up to 416 lm - 3000K/CRI 80
up to 437 lm - 4000K/CRI 80
* Net lumen output

**Mid-Power Led**
up to 7,5W
up to 387 lm - 2700K/CRI 80
up to 416 lm - 3000K/CRI 80
up to 437 lm - 4000K/CRI 80
* Net lumen output

Eclipse Mini

**Low-Power Led**
up to 1,9W
up to 66 lm - 2700K/CRI 80
up to 71 lm - 3000K/CRI 80
up to 74 lm - 4000K/CRI 80
* Net lumen output

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

33 Anthracite

## Beschreibung / Description

Familie von wandmontierten Wegleuchten mit LED-Quelle. Sie zeichnen sich durch ihre geringe Stärke und ihre runde Form aus. Sie sind in zwei Dimensionen und verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt.

**Eclipse**
Große, runde Leuchte zur Wandmontage. Verfügbar mit integrierter Stromversorgung oder 24 V Gleichstrom-Fernstromversorgung, die separat bestellt werden muss. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil) und transparenter profilierter Polycarbonat-Diffusor. Vervollständigt mit einem Neoprenkabel, um den Anschluss zu erleichtern. Direkte Oberflächenmontage mit einem mitgelieferten Edelstahlbügel.

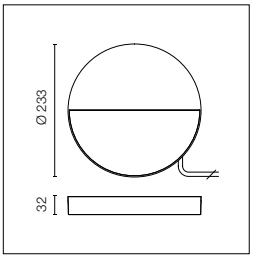
**Eclipse Mini**
Kleine, runde Leuchte zur Wandmontage. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil) und transparenter profilierter Polycarbonat-Diffusor. Vervollständigt mit einem Neoprenkabel, um den Anschluss zu erleichtern. Die 24 V Gleichstrom-Leuchte braucht eine Fernstromversorgung, die separat bestellt werden muss. Für direkte Oberflächenmontage oder mit einer Einbaudose, die separat bestellt werden muss. Kompatibel mit der 3-Modul elektrischen Anschlussdose, Modell 503, wo die 24 V Gleichstrom-Fernstromversorgung installiert werden kann.

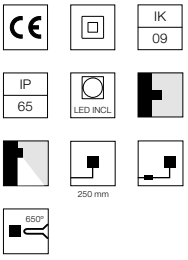
Family of wall mounted path lights with LED source. Defined by their reduced thickness and round shape. They’re available in two dimensions and different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. The fixing screws are made of stainless steel AISI 316L.

**Eclipse**
Big round luminaire for wall mounting. Available with integrated power supply or remote 24V dc power supply that needs to be ordered separately. EN AB-47100 die cast aluminum body (with low copper content) and transparent profiled polycarbonate diffuser. It's completed with a neoprene cable section to ease the connection. Direct attachment on the surface with an included stainless steel bracket.

**Eclipse Mini**
Small round luminaire for wall mounting. EN AB-47100 die cast aluminum body (with low copper content) and transparent profiled polycarbonate diffuser. It's completed with a neoprene cable section to ease the connection. The 24V dc luminaire needs a remote power supply that needs to be ordered separately. Direct attachment on the surface or with a recessed box that needs to be ordered separately. Compatible with the three-module electrical junction box, model 503, where the remote 24V dc power supply can be installed.

## Eclipse



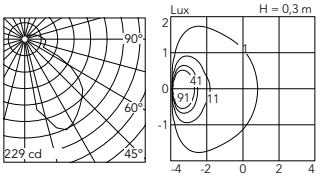




Eclipse 230V
Inklusive LED-Quelle.
Elektrische Stromversorgung 220-240 ON/OFF.
Ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren.

Eclipse 230V
LED source included. Electrical power supply 220-240 ON/OFF. Equipped with a 200mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection.

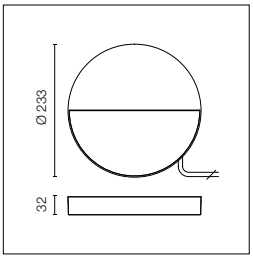
**Mid - Power Led:** 10W - 739 lm ≠ OUTPUT 387 lm - 2700K/CRI 80 - 220÷240V / 10W - 795 lm ≠ OUTPUT 416 lm - 3000K/CRI 80 - 220÷240V / 10W - 835 lm ≠ OUTPUT 437 lm - 4000K/CRI 80 - 220÷240V

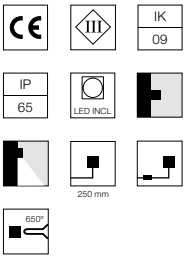
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA54200701 | ○ FA54200301 | ○ FA54200201 |
| ● FA54200706 | ● FA54200306 | ● FA54200206 |
| ● FA54200712 | ● FA54200312 | ● FA54200212 |
| ● FA54200718 | ● FA54200318 | ● FA54200218 |
| ● FA54200730 | ● FA54200330 | ● FA54200230 |
| ● FA54200733 | ● FA54200333 | ● FA54200233 |



@ 4000K

## Eclipse



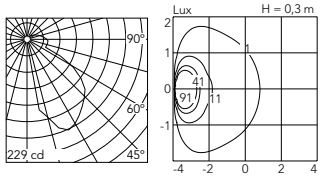




Inklusive LED-Quelle.
Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden.
Ausgestattet mit einem 300 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbar.

LED source included. Remote electrical power supply 24V dc to be ordered separately. Equipped with a 300mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Dimmable.

**Mid - Power Led:** 7,5W - 739 lm ≠ OUTPUT 387 lm - 2700K/CRI 80 - 24Vdc / 7,5W - 795 lm ≠ OUTPUT 416 lm - 3000K/CRI 80 - 24Vdc / 7,5W - 835 lm ≠ OUTPUT 437 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA54200901 | ○ FA54200601 | ○ FA54200501 |
| ● FA54200906 | ● FA54200606 | ● FA54200506 |
| ● FA54200912 | ● FA54200612 | ● FA54200512 |
| ● FA54200918 | ● FA54200618 | ● FA54200518 |
| ● FA54200930 | ● FA54200630 | ● FA54200530 |
| ● FA54200933 | ● FA54200633 | ● FA54200533 |



@ 4000K

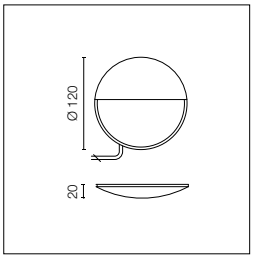
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

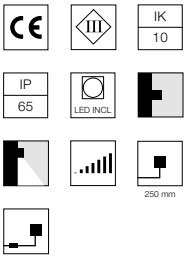
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25747 | 1 | Acc. RF25752 | 2 |
| Acc. RF25757 | 1 | Acc. RF25755 | 6 |
| Acc. RF25750 | 2 | Acc. RF25749 | 9 |
| Acc. F990B21A000 | 2 | Acc. RF25756 | 12 |
| Acc. RF26387.A | 2 | | |

## Eclipse Mini



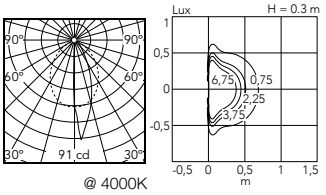




Inklusive LED-Quelle. Ergänzt mit einem reflektierenden Bildschirm. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Optionale elektrische Anschlussdose (3 Module, Modell 503) muss separat bestellt werden. Ausgestattet mit einem 250 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbar.

LED source included. Completed with a reflective screen. Remote electrical power supply 24V dc to be ordered separately. Optional electrical junction box (three modules, model 503) to be ordered separately. Equipped with a 250 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Dimmable.

**Low - Power Led:** 1,8W - 187 lm ≠ OUTPUT 45 lm - 2700K/CRI 80 - 24Vdc / 1,8W - 212 lm ≠ OUTPUT 51 lm - 3000K/CRI 80 - 24Vdc / 1,8W - 227 lm ≠ OUTPUT 55 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA52600501.A | ○ FA52600301.A | ○ FA52600201.A |
| ● FA52600506.A | ● FA52600306.A | ● FA52600206.A |
| ● FA52600512.A | ● FA52600312.A | ● FA52600212.A |
| ● FA52600518.A | ● FA52600318.A | ● FA52600218.A |
| ● FA52600530.A | ● FA52600330.A | ● FA52600230.A |
| ● FA52600533.A | ● FA52600333.A | ● FA52600233.A |



@ 4000K

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25754 | 3 | Acc. RF26387.A | 9 |
| Acc. RF25748 | 3 | Acc. RF25752 | 9 |
| Acc. RF25747 | 5 | Acc. RF25755 | 25 |
| Acc. RF25757 | 5 | Acc. RF25749 | 30 |
| Acc. RF25750 | 8 | Acc. RF25756 | 45 |
| Acc. F990B21A000 | 8 | | |

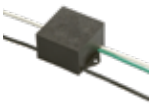
## Eclipse: Zubehörteile / Accessories

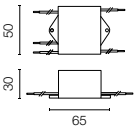
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.

Eclipse

F990E00A000



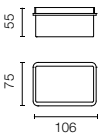



Eingebaute 3-Modul-Anschlussdose (Modell 503).

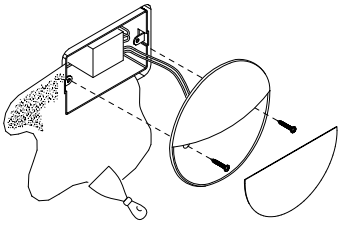
Recessed 3-module junction box (model 503).

Eclipse Mini

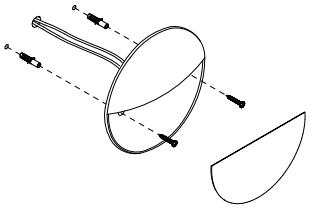
F990H010000



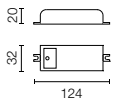
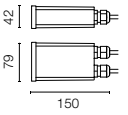
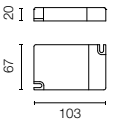
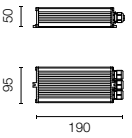
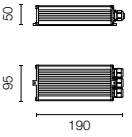
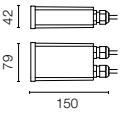
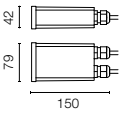
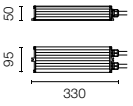
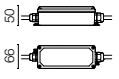
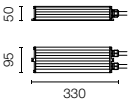
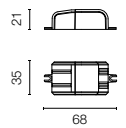
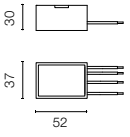

**Recessed installation Eclipse Mini**



**Wall installation Eclipse Mini**



## Eclipse: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | *RF25747 | |   |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 | |   |
| Netzgerät für den Ferneinbau 24Vdc 17W /N110-240V (15W@110V) IP20 Klasse II selv. | Power supply for remote installation 24Vdc 17W / 110-240V (15W@110V) IP20 Class II selv. | *RF25750 Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4. Page 780. | |   |
| Netzgerät 17W/110÷240V - 24Vdc (15W@110V) IP67 Klasse II selv. | Power supply 17W/110÷240V - 24Vdc (15W@110V) IP67 Class II Selv. | *F990B21A000 Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4. Page 780. | |   |
| Netzgerät für den Ferneinbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv. | *RF26387.A Dimmable DALI See Wiring Diagram n.4. Page 780. | |   |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | *RF25752 | |   |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | F990B23AZ00 | |   |
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |   |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |   |
| Netzgerät für den Ferneinbau 24Vdc 96W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 96W / 120-240V IP67 Class II selv. | *RF25756 | |   |
| Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq. | Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq. | Eclipse Mini *RF25754 | |   |
| Netzgerät 24V 8W / 110-240V IP65 Klasse II selv. | Power supply 24V 8W / 110-240V IP65 Class II selv. | Eclipse Mini *RF25748 | |   |

## Hyperion

Hyperion

## Familie / Family

Hyperion

**Mid-Power Led**
up to 10W
up to 401 lm - 2700K/CRI 80
up to 428 lm - 3000K/CRI 80
up to 442 lm - 4000K/CRI 80
* Net lumen output

**Mid-Power Led**
up to 7,5W
up to 370 lm - 2700K/CRI 80
up to 398 lm - 3000K/CRI 80
up to 418 lm - 4000K/CRI 80
* Net lumen output

Hyperion Mini

**Low-Power Led**
up to 1,9W
up to 57 lm - 2700K/CRI 80
up to 61 lm - 3000K/CRI 80
up to 64 lm - 4000K/CRI 80
* Net lumen output

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

33 Anthracite

Familie von wandmontierten Wegleuchten mit LED-Quelle. Sie zeichnen sich durch ihre geringe Stärke und ihre rechteckige Form aus. Sie sind in zwei Dimensionen und verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt.

**Hyperion**
Große, rechteckige Leuchte mit geringer Stärke zur Wandmontage. Verfügbar mit integrierter Stromversorgung oder 24 V Gleichstrom-Fernstromversorgung, die separat bestellt werden muss. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil) und transparenter geformter Polycarbonat-Diffusor. Vervollständigt mit einem Neoprenkabel, um den Anschluss zu erleichtern. Direkte Oberflächenmontage mit einem mitgelieferten Edelstahlbügel. Optionales Zubehör verfügbar: Reflektor und Pfosten. Der satinierte Aluminiumreflektor erhöht den Lichtstrom um ca. 20 % und wird mit dem mitgelieferten doppelseitigen Klebeband am Gehäuse befestigt. Der stranggepresste Pfosten wird verwendet, um die Leuchte als Bollard zu montieren. Der Pfosten lässt sich mit Hilfe von Dübeln oder der als Zubehör erhältlichen Ankerplatte und Zugschrauben, mit denen die Leuchte fest auf dem Boden verankert wird, leicht auf jeder Bodenfläche installieren.

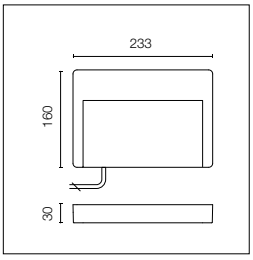
**Hyperion Mini**
Kleine, rechteckige Leuchte zur Wandmontage. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil) und transparenter geformter Polycarbonat-Diffusor. Satinierter Aluminiumreflektor, der mit dem mitgelieferten doppelseitigen Klebeband befestigt wird. Vervollständigt mit einem Neoprenkabel, um den Anschluss zu erleichtern. Die 24 V Leuchte braucht eine Fernstromversorgung, die separat bestellt werden muss. Für direkte Oberflächenmontage oder mit einer Einbaudose, die separat bestellt werden muss. Kompatibel mit der 3-Modul elektrischen Anschlussdose, Modell 503, wo die 24 V Gleichstrom-Fernstromversorgung installiert werden kann.

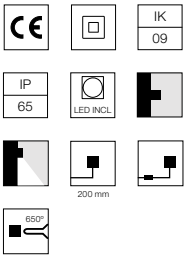
Family of wall mounted path lights with LED source. Defined by their reduced thickness and rectangular shape. They’re available in two dimensions and different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. The fixing screws are made of stainless steel AISI 316L.

**Hyperion**
Big rectangular luminaire with reduced thickness for wall mounting. Available with integrated power supply or remote 24V dc power supply that needs to be ordered separately. EN AB-47100 die cast aluminum body (with low copper content) and transparent molded polycarbonate diffuser. It's completed with a neoprene cable section to ease the connection. Direct attachment on the surface with an included stainless steel bracket. Optional accessories available: reflector and post. The satin aluminum reflector increases the luminous flux by approximately 20% and is attached to the body with the double-sided adhesive provided. The extruded post is used to install the luminaire as a bollard. The post is easily installed on any floor surface by means of dowels or the specific accessory anchor plate and lag screws that secure the luminaire solidly to the pavement.

**Hyperion Mini**
Small rectangular luminaire for wall mounting. EN AB-47100 die cast aluminum body (with low copper content) and transparent molded polycarbonate diffuser. Reflective satin aluminum screen that is attached with the double-sided adhesive provided. With a neoprene cable section to ease the connection. The 24V luminaire needs a remote power supply that needs to be ordered separately. Direct attachment on the surface or with a recessed box that needs to be ordered separately. Compatible with the three module electrical junction box, model 503, where the remote 24V dc power supply can be installed.

## Hyperion



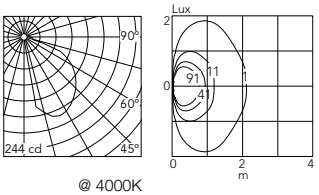




Hyperion 230V.
Inklusive LED-Quelle. Elektrische Stromversorgung 220-240 V ON/OFF. Ausgestattet mit einem 200 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Optionales Zubehör: Satinierter Aluminiumreflektor, um den Lichtstrom zu erhöhen; 500 mm hoher, stranggepresster Pfosten für die Bollard-Version. Die mit Mörtel zu versenkende Ankerplatte muss separat bestellt werden.

Hyperion 230V.
LED source included. Electrical power supply 220-240V ON/OFF. Equipped with a 200 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional accessories: satin aluminum reflector to increase the luminous flux; 500mm tall, extruded post for the bollard version. Anchor plate to be recessed with mortar needs to be ordered separately.

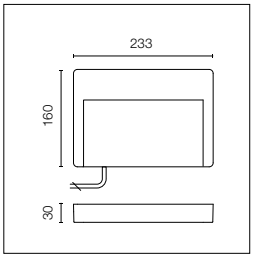
**Mid - Power Led:** 10W - 739 lm ≠ OUTPUT 401 lm - 2700K/CRI 80 - 220÷240V / 10W - 795 lm ≠ OUTPUT 428 lm - 3000K/CRI 80 - 220÷240V / 10W - 835 lm ≠ OUTPUT 442 lm - 4000K/CRI 80 - 220÷240V

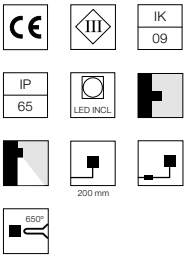
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA52700501 | ○ FA52700301 | ○ FA52700201 |
| ● FA52700506 | ● FA52700306 | ● FA52700206 |
| ● FA52700512 | ● FA52700312 | ● FA52700212 |
| ● FA52700518 | ● FA52700318 | ● FA52700218 |
| ● FA52700530 | ● FA52700330 | ● FA52700230 |
| ● FA52700533 | ● FA52700333 | ● FA52700233 |




@ 4000K

## Hyperion



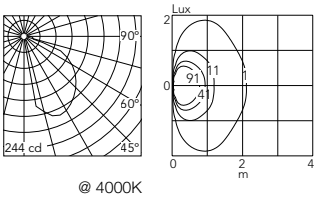




Inklusive LED-Quelle. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Ausgestattet mit einem 300 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Optionales Zubehör: Satinierter Aluminiumreflektor, um den Lichtstrom zu erhöhen; 500 mm hoher, stranggepresster Pfosten für die Bollard-Version. Die mit Mörtel zu versenkende Ankerplatte muss separat bestellt werden. Dimmbar.

LED source included. Remote electrical power supply 24V dc to be ordered separately. Equipped with a 300 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional accessories: satin aluminum reflector to increase the luminous flux; 500mm tall, extruded post for the bollard version. Anchor plate to be recessed with mortar needs to be ordered separately. Dimmable.

**Mid - Power Led:** 7,5W - 739 lm ≠ OUTPUT 401 lm - 2700K/CRI 80 - 24Vdc / 7,5W - 795 lm ≠ OUTPUT 428 lm - 3000K/CRI 80 - 24Vdc / 7,5W - 835 lm ≠ OUTPUT 442 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA52701501 | ○ FA52701301 | ○ FA52701201 |
| ● FA52701506 | ● FA52701306 | ● FA52701206 |
| ● FA52701512 | ● FA52701312 | ● FA52701212 |
| ● FA52701518 | ● FA52701318 | ● FA52701218 |
| ● FA52701530 | ● FA52701330 | ● FA52701230 |
| ● FA52701533 | ● FA52701333 | ● FA52701233 |



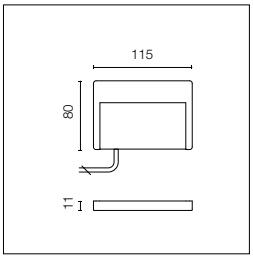

@ 4000K

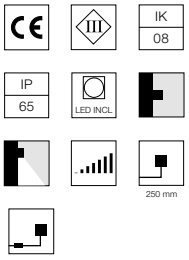
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25747 | 1 | Acc. RF25752 | 2 |
| Acc. RF25757 | 1 | Acc. RF25755 | 6 |
| Acc. RF25750 | 2 | Acc. RF25749 | 9 |
| Acc. F990B21A000 | 2 | Acc. RF25756 | 12 |
| Acc. RF26387.A | 2 | | |



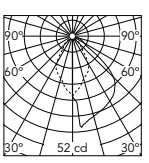




Inklusive LED-Quelle. Ergänzt mit einem reflektierenden Bildschirm. Die 24 V Gleichstrom-Fernstromversorgung muss separat bestellt werden. Optionale Anschlussdose muss separat bestellt werden (3-Modul elektrische Dose, Modell 503). Ausgestattet mit einem 250 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Dimmbar.

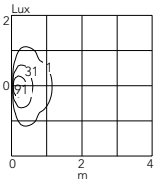
LED source included. Completed with a reflective screen. Remote electrical power supply 24V dc to be ordered separately. Optional junction box to be ordered separately (3 module electrical box, model 503). Equipped with a 250 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Dimmable.

**Low - Power Led:** 1,9W - 139 lm ≠ OUTPUT 57 lm - 2700K/CRI 80 - 24Vdc / 1,9W - 149 lm ≠ OUTPUT 61 lm - 3000K/CRI 80 - 24Vdc / 1,9W - 156 lm ≠ OUTPUT 64 lm - 4000K/CRI 80 - 24Vdc

| **2700K** | **3000K** | **4000K** |
|---|---|---|
| ○ FA102960001 | ○ FA102950001 | ○ FA1022290001 |
| ● FA102960006 | ● FA102950006 | ● FA1022290006 |
| ● FA102960012 | ● FA102950012 | ● FA1022290012 |
| ● FA102960018 | ● FA102950018 | ● FA1022290018 |
| ● FA102960030 | ● FA102950030 | ● FA1022290030 |
| ● FA102960033 | ● FA102950033 | ● FA1022290033 |




@ 4000K




* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | |
|---|---|
| Acc. RF25754 | 3 |
| Acc. RF25748 | 3 |
| Acc. RF25747 | 5 |
| Acc. RF25757 | 5 |
| Acc. RF25750 | 8 |
| Acc. F990B21A000 | 8 |

| | |
|---|---|
| Acc. RF26387.A | 9 |
| Acc. RF25752 | 9 |
| Acc. RF25755 | 25 |
| Acc. RF25749 | 30 |
| Acc. RF25756 | 45 |

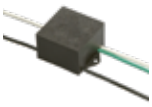
## Hyperion: Zubehörteile / Accessories

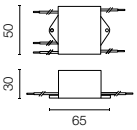
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.

Hyperion

F990E00A000



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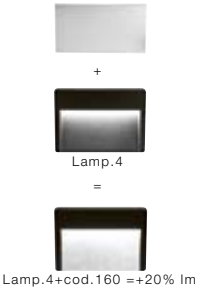
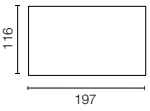
Satiniertes Aluminium-Gestell Stärke 0,5 mm.

Satin aluminium carter Thickness 0.5mm.

Hyperion

FA160

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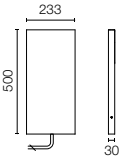
Verwendung des stranggepressten Pfosten als Bollard. Direkte Befestigung mit Dübeln oder mit Ankerplatte und Zugschrauben (optionales Zubehör).

Use of the extruded support as bollard. Direct fixing using studs or a base plate and fixing bolts (optional accessory).

H 500 mm

- ○ FA24501
- ● FA24506
- ● FA24512
- ● FA24518
- ● FA24530
- ● FA24533

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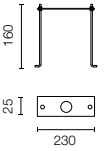
Stiftschraubenplatte.

Base plate with bolt.

Hyperion

FA247

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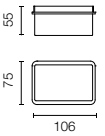
Eingebaute 3-Modul-Anschlussdose (Modell 503).

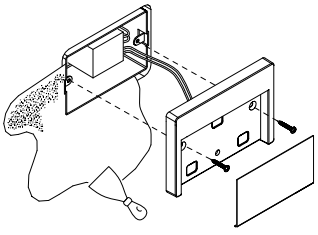
Recessed 3-module junction box (model 503).

Hyperion Mini

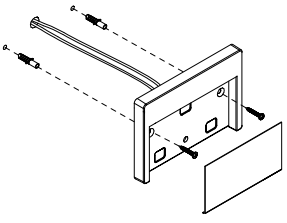
F990H010000



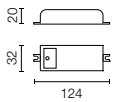
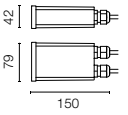
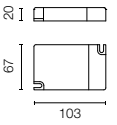
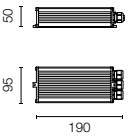
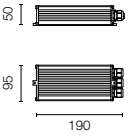
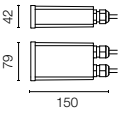
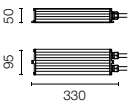
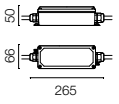
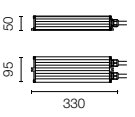
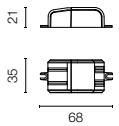
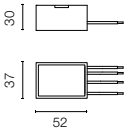

**Recessed installation**



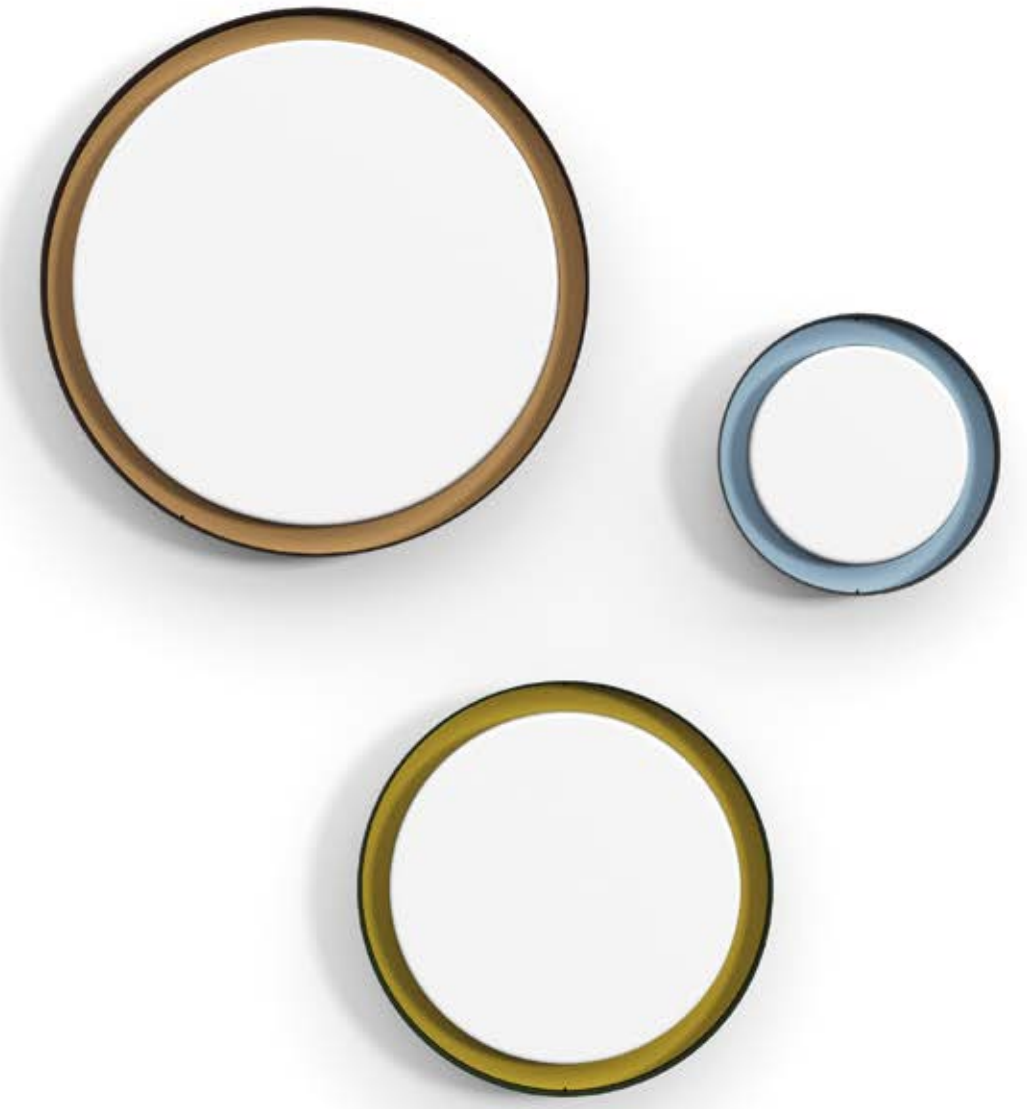
**Wall installation**



## Hyperion: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | *RF25747 | |   |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | *RF25757 | |   |
| Netzgerät für den Ferneinbau 24Vdc 17W /N110-240V (15W@110V) IP20 Klasse II selv. | Power supply for remote installation 24Vdc 17W / 110-240V (15W@110V) IP20 Class II selv. | *RF25750 Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4. Page 780. | |   |
| Netzgerät 17W/110÷240V - 24Vdc (15W@110V) IP67 Klasse II selv. | Power supply 17W/110÷240V - 24Vdc (15W@110V) IP67 Class II Selv. | *F990B21A000 Dimmable Push-Dim Or 1-10V See Wiring Diagram n.4. Page 780. | |   |
| Netzgerät für den Ferneinbau 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 110-240Vdc (15W@110V) IP67 Class II selv. | *RF26387.A Dimmable DALI See Wiring Diagram n.4. Page 780. | |   |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | *RF25752 | |   |
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |   |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |   |
| Netzgerät für den Ferneinbau 24Vdc 96W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 96W / 120-240V IP67 Class II selv. | *RF25756 | |   |
| Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq. | Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq. | Hyperion Mini *RF25754 | |   |
| Netzgerät 24V 8W / 110-240V IP65 Klasse II selv. | Power supply 24V 8W / 110-240V IP65 Class II selv. | Hyperion Mini *RF25748 | |   |

## Platter



Platter

## Familie / Family

Platter 410

**Mid-Power Led**
up to 34W
up to 2345 lm - 2700K/CRI 80
up to 2521 lm - 3000K/CRI 80
up to 2712 lm - 4000K/CRI 80
* Net lumen output

Platter 310

**Mid-Power Led**
up to 18W
up to 1150 lm - 2700K/CRI 80
up to 1237 lm - 3000K/CRI 80
up to 1330 lm - 4000K/CRI 80
* Net lumen output

Platter 210

**Mid-Power Led**
up to 11W
up to 732 lm - 2700K/CRI 80
up to 787 lm - 3000K/CRI 80
up to 812 lm - 4000K/CRI 80
* Net lumen output

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

33 Anthracite

Grey / Brown Brick

Anthracite / Pale Blue

Deep Brown / Pale Brown

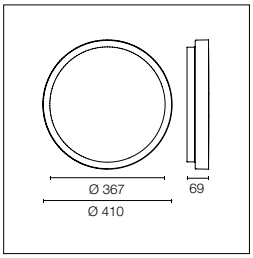
Forest Green / Olive Green

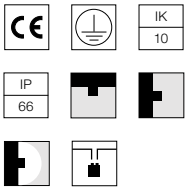
## Beschreibung / Description

Familie von Leuchten zur Wand- oder Deckenmontage. Sie zeichnen sich durch ihre runde Form aus. Erhältlich in drei Dimensionen. Diffusor aus opalem Kunststoff, der eine hohe Gleichmäßigkeit bei der Lichtabgabe garantiert. EN AB-47100 Druckguss-Montageplatte (mit geringem Kupferanteil), gedrehte Aluminiumstruktur und Kühlkörper. Magnetischer Verschlussrahmen, um die Befestigungsschrauben aus Edelstahl AISI 316L zu verstecken. Sie sind in verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten

Family of wall or ceiling mounted luminaires. Defined by their round shape. Available in three dimensions. Diffuser made of opal plastic material that guarantees high uniformity in light emission. EN AB-47100 die-cast mounting plate (with low copper content), turned aluminum structure and heat sinks. Magnetic closing frame to hide the AISI 316L stainless steel fixing screws. Available in different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance.

## Platter 410




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 34W - 3590 lm ≠ OUTPUT 2345 lm - 2700K/CRI 80 - 220÷240V / 34W - 3860 lm ≠ OUTPUT 2521 lm - 3000K/CRI 80 - 220÷240V / 34W - 4152 lm ≠ OUTPUT 2712 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53305201
- FA53305206
- FA53305212
- FA53305218
- FA53305230
- FA53305233

1-10V
- FA53305201-310
- FA53305206-310
- FA53305212-310
- FA53305218-310
- FA53305230-310
- FA53305233-310

Dali
- FA53305201-300
- FA53305206-300
- FA53305212-300
- FA53305218-300
- FA53305230-300
- FA53305233-300

**3000K**

Non Dimmable
- FA53302201
- FA53302206
- FA53302212
- FA53302218
- FA53302230
- FA53302233

1-10V
- FA53302201-310
- FA53302206-310
- FA53302212-310
- FA53302218-310
- FA53302230-310
- FA53302233-310

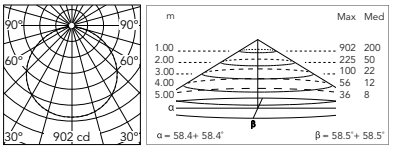
Dali
- FA53302201-300
- FA53302206-300
- FA53302212-300
- FA53302218-300
- FA53302230-300
- FA53302233-300

**4000K**

Non Dimmable
- FA53302101
- FA53302106
- FA53302112
- FA53302118
- FA53302130
- FA53302133

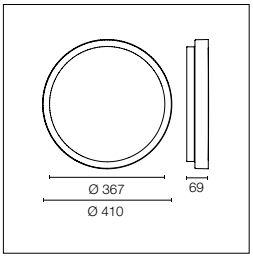
1-10V
- FA53302101-310
- FA53302106-310
- FA53302112-310
- FA53302118-310
- FA53302130-310
- FA53302133-310

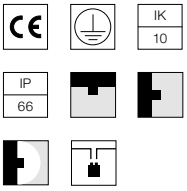
Dali
- FA53302101-300
- FA53302106-300
- FA53302112-300
- FA53302118-300
- FA53302130-300
- FA53302133-300




@ 4000K

## Platter 410 Grey / Brown Brick




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 34W - 3590 lm ≠ OUTPUT 2345 lm - 2700K/CRI 80 - 220÷240V / 34W - 3860 lm ≠ OUTPUT 2521 lm - 3000K/CRI 80 - 220÷240V / 34W - 4152 lm ≠ OUTPUT 2712 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA533421

1-10V
- FA533421-310

Dali
- FA533421-300

**3000K**

Non Dimmable
- FA533431

1-10V
- FA533431-310

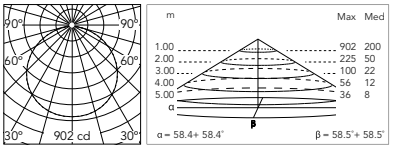
Dali
- FA533431-300

**4000K**

Non Dimmable
- FA533441

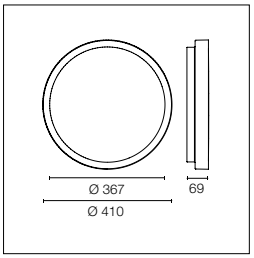
1-10V
- FA533441-310

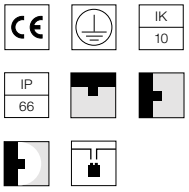
Dali
- FA533441-300




@ 4000K

## Platter 410 Anthracite / Pale Blue




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

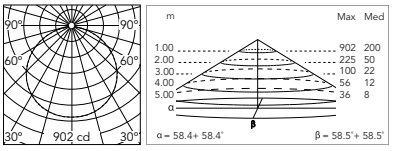
LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 34W - 3590 lm ≠ OUTPUT 2345 lm - 2700K/CRI 80 - 220÷240V / 34W - 3860 lm ≠ OUTPUT 2521 lm - 3000K/CRI 80 - 220÷240V / 34W - 4152 lm ≠ OUTPUT 2712 lm - 4000K/CRI 80 - 220÷240V

**2700K**
Non Dimmable
FA533422
1-10V
FA533422-310
Dali
FA533422-300

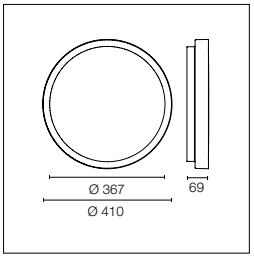
**3000K**
Non Dimmable
FA533432
1-10V
FA533432-310
Dali
FA533432-300

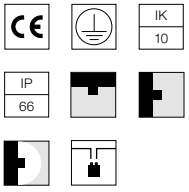
**4000K**
Non Dimmable
FA533442
1-10V
FA533442-310
Dali
FA533442-300




@ 4000K

## Platter 410 Deep Brown / Pale Brown




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

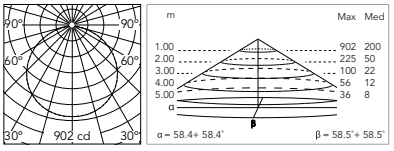
LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 34W - 3590 lm ≠ OUTPUT 2345 lm - 2700K/CRI 80 - 220÷240V / 34W - 3860 lm ≠ OUTPUT 2521 lm - 3000K/CRI 80 - 220÷240V / 34W - 4152 lm ≠ OUTPUT 2712 lm - 4000K/CRI 80 - 220÷240V

**2700K**
Non Dimmable
FA533423
1-10V
FA533423-310
Dali
FA533423-300

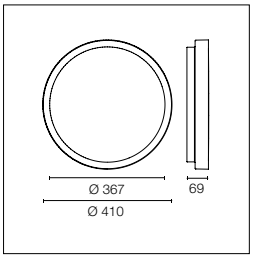
**3000K**
Non Dimmable
FA533433
1-10V
FA533433-310
Dali
FA533433-300

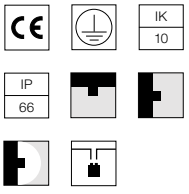
**4000K**
Non Dimmable
FA533443
1-10V
FA533443-310
Dali
FA533443-300




@ 4000K

## Platter 410 Forest Green / Olive Green




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

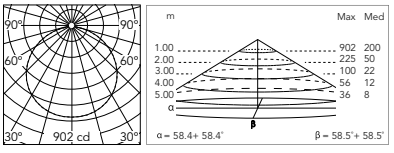
LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 34W - 3590 lm ≠ OUTPUT 2345 lm - 2700K/CRI 80 - 220÷240V / 34W - 3860 lm ≠ OUTPUT 2521 lm - 3000K/CRI 80 - 220÷240V / 34W - 4152 lm ≠ OUTPUT 2712 lm - 4000K/CRI 80 - 220÷240V

**2700K**
Non Dimmable
FA533424
1-10V
FA533424-310
Dali
FA533424-300

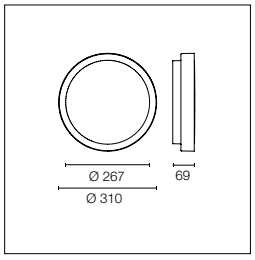
**3000K**
Non Dimmable
FA533434
1-10V
FA533434-310
Dali
FA533434-300

**4000K**
Non Dimmable
FA533444
1-10V
FA533444-310
Dali
FA533444-300




@ 4000K

## Platter 310




IP 66 · IK 10

Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 18W - 1874 lm ≠ OUTPUT 1150 lm - 2700K/CRI 80 - 220÷240V / 18W - 2015 lm ≠ OUTPUT 1237 lm - 3000K/CRI 80 - 220÷240V / 18W - 2168 lm ≠ OUTPUT 1330 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53305101
- FA53305106
- FA53305112
- FA53305118
- FA53305130
- FA53305133

1-10V
- FA53305101-310
- FA53305106-310
- FA53305112-310
- FA53305118-310
- FA53305130-310
- FA53305133-310

Dali
- FA53305101-300
- FA53305106-300
- FA53305112-300
- FA53305118-300
- FA53305130-300
- FA53305133-300

**3000K**

Non Dimmable
- FA53301201
- FA53301206
- FA53301212
- FA53301218
- FA53301230
- FA53301233

1-10V
- FA53301201-310
- FA53301206-310
- FA53301212-310
- FA53301218-310
- FA53301230-310
- FA53301233-310

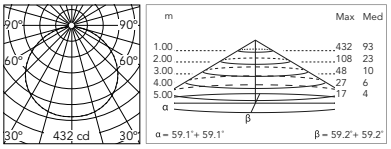
Dali
- FA53301201-300
- FA53301206-300
- FA53301212-300
- FA53301218-300
- FA53301230-300
- FA53301233-300

**4000K**

Non Dimmable
- FA53301101
- FA53301106
- FA53301112
- FA53301118
- FA53301130
- FA53301133

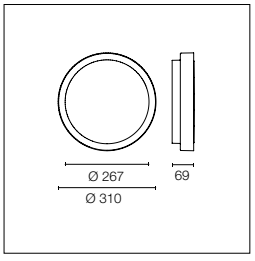
1-10V
- FA53301101-310
- FA53301106-310
- FA53301112-310
- FA53301118-310
- FA53301130-310
- FA53301133-310

Dali
- FA53301101-300
- FA53301106-300
- FA53301112-300
- FA53301118-300
- FA53301130-300
- FA53301133-300




@ 4000K

## Platter 310 Grey / Brown Brick




IP 66 · IK 10

Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 18W - 1874 lm ≠ OUTPUT 1150 lm - 2700K/CRI 80 - 220÷240V / 18W - 2015 lm ≠ OUTPUT 1237 lm - 3000K/CRI 80 - 220÷240V / 18W - 2168 lm ≠ OUTPUT 1330 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA533321

1-10V
- FA533321-310

Dali
- FA533321-300

**3000K**

Non Dimmable
- FA533331

1-10V
- FA533331-310

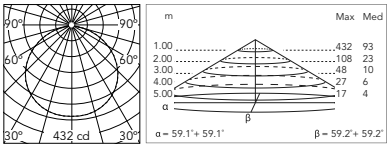
Dali
- FA533331-300

**4000K**

Non Dimmable
- FA533341

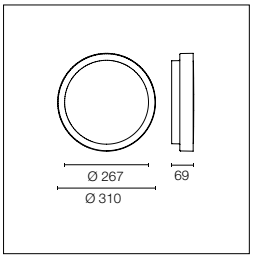
1-10V
- FA533341-310

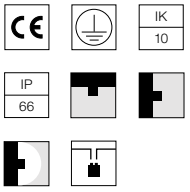
Dali
- FA533341-300




@ 4000K

## Platter 310 Anthracite / Pale Blue




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 18W - 1874 lm ≠ OUTPUT 1150 lm - 2700K/CRI 80 - 220÷240V / 18W - 2015 lm ≠ OUTPUT 1237 lm - 3000K/CRI 80 - 220÷240V / 18W - 2168 lm ≠ OUTPUT 1330 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA533322

1-10V
- FA533322-310

Dali
- FA533322-300

**3000K**

Non Dimmable
- FA533332

1-10V
- FA533332-310

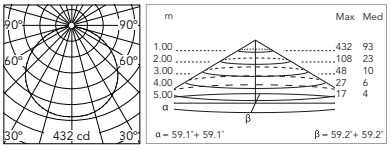
Dali
- FA533332-300

**4000K**

Non Dimmable
- FA533342

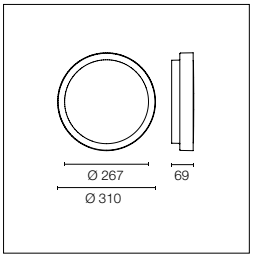
1-10V
- FA533342-310

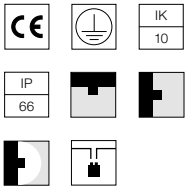
Dali
- FA533342-300




@ 4000K

## Platter 310 Deep Brown / Pale Brown




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 18W - 1874 lm ≠ OUTPUT 1150 lm - 2700K/CRI 80 - 220÷240V / 18W - 2015 lm ≠ OUTPUT 1237 lm - 3000K/CRI 80 - 220÷240V / 18W - 2168 lm ≠ OUTPUT 1330 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA533323

1-10V
- FA533323-310

Dali
- FA533323-300

**3000K**

Non Dimmable
- FA533333

1-10V
- FA533333-310

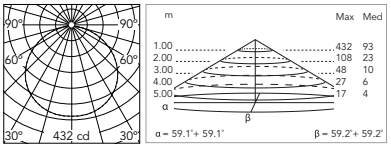
Dali
- FA533333-300

**4000K**

Non Dimmable
- FA533343

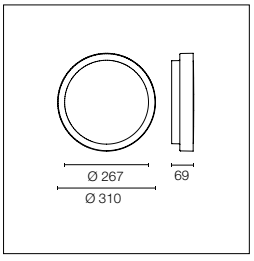
1-10V
- FA533343-310

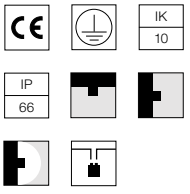
Dali
- FA533343-300




@ 4000K

## Platter 310 Forest Green / Olive Green




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 18W - 1874 lm ≠ OUTPUT 1150 lm - 2700K/CRI 80 - 220÷240V / 18W - 2015 lm ≠ OUTPUT 1237 lm - 3000K/CRI 80 - 220÷240V / 18W - 2168 lm ≠ OUTPUT 1330 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA533324

1-10V
- FA533324-310

Dali
- FA533324-300

**3000K**

Non Dimmable
- FA533334

1-10V
- FA533334-310

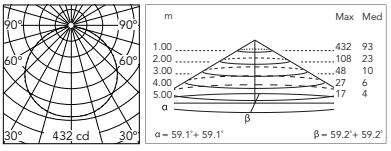
Dali
- FA533334-300

**4000K**

Non Dimmable
- FA533344

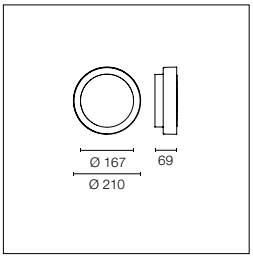
1-10V
- FA533344-310

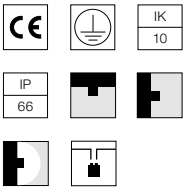
Dali
- FA533344-300




@ 4000K

## Platter 210



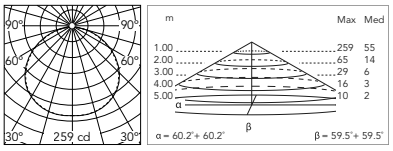




Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

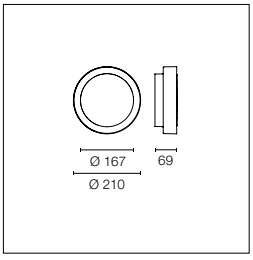
**Mid-Power Led:** 11W - 1202 lm ≠ OUTPUT 732 lm - 2700K/CRI 80 - 220÷240V / 11W - 1292 lm ≠ OUTPUT 787 lm - 3000K/CRI 80 - 220÷240V / 11W - 1334 lm ≠ OUTPUT 812 lm - 4000K/CRI 80 - 220÷240V

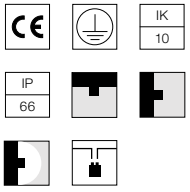
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53305001 | ○ FA53300201 | ○ FA53300101 |
| ● FA53305006 | ● FA53300206 | ● FA53300106 |
| ● FA53305012 | ● FA53300212 | ● FA53300112 |
| ● FA53305018 | ● FA53300218 | ● FA53300118 |
| ● FA53305030 | ● FA53300230 | ● FA53300130 |
| ● FA53305033 | ● FA53300233 | ● FA53300133 |




@ 4000K

## Platter 210 Grey / Brown Brick



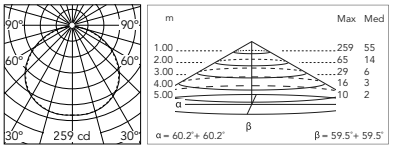




Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

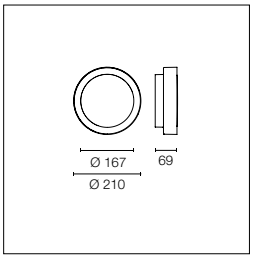
**Mid-Power Led:** 11W - 1261 lm ≠ OUTPUT 765 lm - 2700K/CRI 80 - 220÷240V / 11W - 1292 lm ≠ OUTPUT 787 lm - 3000K/CRI 80 - 220÷240V / 11W - 1334 lm ≠ OUTPUT 812 lm - 4000K/CRI 80 - 220÷240V

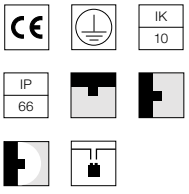
| 2700K | 3000K | 4000K |
|---|---|---|
| ●● FA533221 | ●● FA533231 | ●● FA533241 |




@ 4000K

## Platter 210 Anthracite / Pale Blue



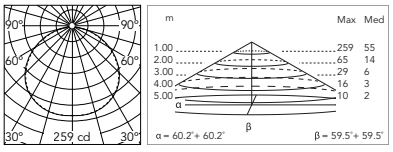




Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

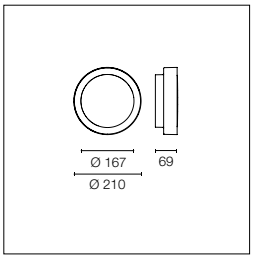
**Mid-Power Led:** 11W - 1202 lm ≠ OUTPUT 732 lm - 2700K/CRI 80 - 220÷240V / 11W - 1292 lm ≠ OUTPUT 787 lm - 3000K/CRI 80 - 220÷240V / 11W - 1334 lm ≠ OUTPUT 812 lm - 4000K/CRI 80 - 220÷240V

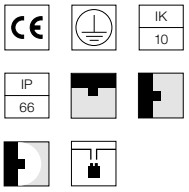
| 2700K | 3000K | 4000K |
|---|---|---|
| ●● FA533222 | ●● FA533232 | ●● FA533242 |




@ 4000K

## Platter 210 Deep Brown / Pale Brown



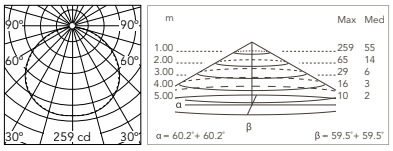




Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

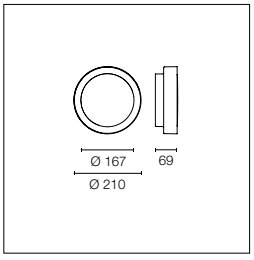
**Mid-Power Led:** 11W - 1202 lm ≠ OUTPUT 732 lm - 2700K/CRI 80 - 220÷240V / 11W - 1292 lm ≠ OUTPUT 787 lm - 3000K/CRI 80 - 220÷240V / 11W - 1334 lm ≠ OUTPUT 812 lm - 4000K/CRI 80 - 220÷240V

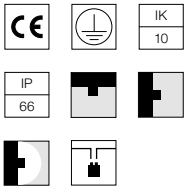
| 2700K | 3000K | 4000K |
|---|---|---|
| FA533223 | FA533233 | FA533243 |




@ 4000K

## Platter 210 Forest Green / Olive Green



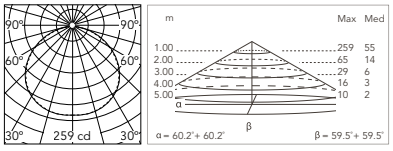




Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for a fast connection. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Mid-Power Led:** 11W - 1202 lm ≠ OUTPUT 732 lm - 2700K/CRI 80 - 220÷240V / 11W - 1292 lm ≠ OUTPUT 787 lm - 3000K/CRI 80 - 220÷240V / 11W - 1334 lm ≠ OUTPUT 812 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| FA533224 | FA533234 | FA533244 |



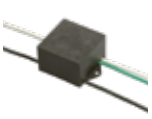

@ 4000K

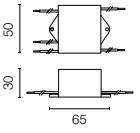
## Platter: Zubehörteile / Accessories

Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.

F990E00A000





# Emma

Emma Ceiling 2

Emma Wall 1

Emma Wall 3

Emma Wall 1

**Par 16**
up to 35W
230V - GZ10

**Power Led**
up to 6W
up to 303 lm - 2700K/CRI 80
up to 328 lm - 3000K/CRI 80
up to 340 lm - 4000K/CRI 80
* Net lumen output

Emma Wall 2
Mono / Double

**Par 16**
up to 35W
230V - GZ10

**Power Led**
up to 6,5W
up to 439 lm - 2700K/CRI 80
up to 472 lm - 3000K/CRI 80
up to 488 lm - 4000K/CRI 80
* Net lumen output

**Par 16**
up to 2 x 35W
230V - GZ10

**Power Led**
up to 12W
up to 2x439 lm - 2700K/CRI 80
up to 2x472 lm - 3000K/CRI 80
up to 2x488 lm - 4000K/CRI 80
* Net lumen output

Emma Wall 3
Mono / Double

**CoB Led**
up to 14,5W
up to 1569 lm - 2700K/CRI 80
up to 1687 lm - 3000K/CRI 80
up to 1757 lm - 4000K/CRI 80
* Net lumen output

**CoB Led**
up to 27W
up to 2x1569 lm - 2700K/CRI 80
up to 2x1687 lm - 3000K/CRI 80
up to 2x1757 lm - 4000K/CRI 80
* Net lumen output

Emma Wall 4
Mono / Double

**CoB Led**
up to 20W
up to 2121 lm - 2700K/CRI 80
up to 2281 lm - 3000K/CRI 80
up to 2382 lm - 4000K/CRI 80
* Net lumen output

**CoB Led**
up to 39W
up to 2x2121 lm - 2700K/CRI 80
up to 2x2281 lm - 3000K/CRI 80
up to 2x2382 lm - 4000K/CRI 80
* Net lumen output

Emma Ceiling 2

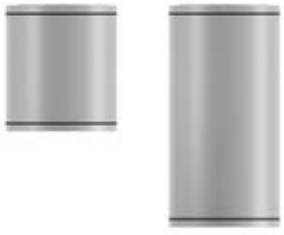
**Power Led**
up to 6W
up to 314 lm - 2700K/CRI 80
up to 338 lm - 3000K/CRI 80
up to 363 lm - 4000K/CRI 80
* Net lumen output

Emma Ceiling 3

**CoB Led**
up to 12W
up to 752 lm - 3000K/CRI 80

**CoB Led**
up to 15W
up to 1455 lm - 2700K/CRI 80
up to 1564 lm - 3000K/CRI 80
up to 1641 lm - 4000K/CRI 80
* Net lumen output

Emma Ceiling 4



**CoB Led**
up to 24W
up to 1659 lm - 3000K/CRI 80

**CoB Led**
up to 20W
up to 1907 lm - 2700K/CRI 80
up to 2050 lm - 3000K/CRI 80
up to 2102 lm - 4000K/CRI 80
* Net lumen output

## Beschreibung / Description

Komplette Leuchtenfamilie mit LED-Quelle zur Wand- und Deckenmontage. Sie zeichnen sich durch ihre zylindrische Form aus. Sie sind in verschiedenen Durchmessern und Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt.

**Emma Wall**
Wandleuchte, erhältlich in drei verschiedenen Durchmessern. Erhältlich als Monoemissions- und Bi-Emissionsversion mit verschiedenen Abstrahlwinkeln. Gehäuse aus stranggepresstem Aluminium, Montageplatte und Deckel und Boden aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil). Extraklarer Glas-Diffusor mit Siebdruckkante und am Rand der Lampe mit einem Roboterklebesystem befestigt, um Wasseransammlung zu vermeiden. Inklusive Edelstahlbügel.

**Emma Ceiling**
Wandleuchte, erhältlich in drei verschiedenen Durchmessern. Erhältlich als Monoemissions- und Bi-Emissionsversion mit verschiedenen Abstrahlwinkeln. Gehäuse aus stranggepresstem Aluminium, Montageplatte und Deckel und Boden aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil). Extraklarer Glas-Diffusor mit Siebdruckkante und am Rand der Lampe mit einem Roboterklebesystem befestigt, um Wasseransammlung zu vermeiden. Inklusive Edelstahlbügel.

Complete luminaire family with LED source for wall and ceiling mounting. Defined by their cylinder shape. Available in different diameters and different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. The fixing screws are made of stainless steel AISI 316L.

**Emma Wall**
Wall luminaire, available in three different diameters. Available in mono-emission and bi-emission versions with different beam angles. Extruded aluminum body, EN AB-47100 die cast aluminum mounting plate and top and bottom lid (with low copper content). Extraclear glass diffuser with silkscreen edge, attached flush to the edge of the lamp with a robotic gluing system to avoid water deposits. Stainless steel bracket included.

**Emma Ceiling**
Ceiling luminaire, available in three different diameters and different beam angles. Extruded aluminum body, EN AB-47100 die cast aluminum mounting plate and top and bottom lid (with low copper content). Extraclear glass diffuser with silkscreen and textured edge, attached flush to the edge of the lamp with a robotic gluing system to avoid water deposits.

## Ausführungen / Colours


01 White

06 Grey

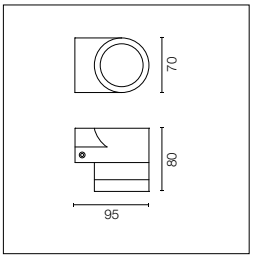
12 Forest Green

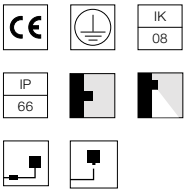
18 Deep Brown

30 Black

33 Anthracite

## Emma Wall 1 Retrofit



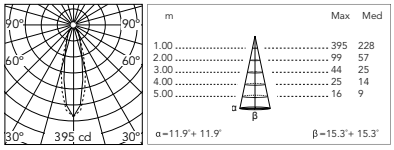




GZ10-Glühbirnenfassung nicht enthalten, kompatibel mit nachrüstbaren LED-Glühbirnen. Elektrische Stromversorgung 220-230 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

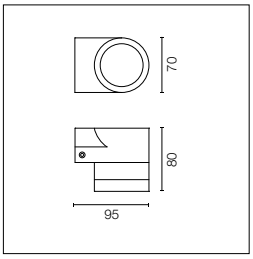
GZ10 bulb holder not included, compatible with retrofit LED bulbs. Electrical power supply 220-230V ON/OFF. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for fast connections. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

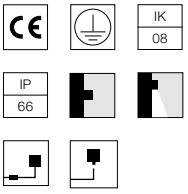
**PAR 16:** 35W - 230V - GZ 10 - Optional LED bulb: DR PAR 7,5W - 230V - GZ 10 - Lamp max size ø50mm H. 55mm

- FA84280001.A
- FA84280006.A
- FA84280012.A
- FA84280018.A
- FA84280030.A
- FA84280033.A




## Emma Wall 1



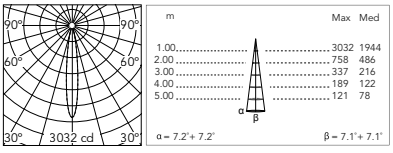

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 5mm<ø<10mm and a connection box for fast connections. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Optic Spot 14°**

**Power Led:** 6W - 417 lm ≠ OUTPUT 303 lm - 2700K/CRI 80 - 220÷230V / 6W - 447 lm ≠ OUTPUT 328 lm - 3000K/CRI 80 - 220÷230V / 6W - 462 lm ≠ OUTPUT 340 lm - 4000K/CRI 80 - 220÷230V

| 2700K | 3000K | 4000K |
|---|---|---|
| FA844281101.A | FA844281201.A | FA844281301.A |
| FA844281106.A | FA844281206.A | FA844281306.A |
| FA844281112.A | FA844281212.A | FA844281312.A |
| FA844281118.A | FA844281218.A | FA844281318.A |
| FA844281130.A | FA844281230.A | FA844281330.A |
| FA844281133.A | FA844281233.A | FA844281333.A |

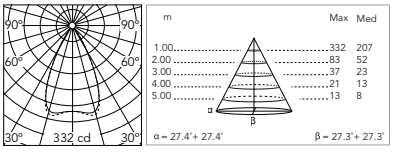



@ 3000K

**Optic Medium 54°**

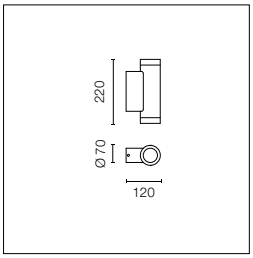
**Power Led:** 6W - 417 lm ≠ OUTPUT 270 lm - 2700K/CRI 80 - 220÷230V / 6W - 447 lm ≠ OUTPUT 293 lm - 3000K/CRI 80 - 220÷230V / 6W - 462 lm ≠ OUTPUT 304 lm - 4000K/CRI 80 - 220÷230V

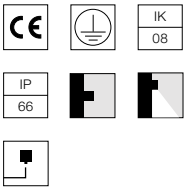
| 2700K | 3000K | 4000K |
|---|---|---|
| FA844282101.A | FA844282201.A | FA844282301.A |
| FA844282106.A | FA844282206.A | FA844282306.A |
| FA844282112.A | FA844282212.A | FA844282312.A |
| FA844282118.A | FA844282218.A | FA844282318.A |
| FA844282130.A | FA844282230.A | FA844282330.A |
| FA844282133.A | FA844282233.A | FA844282333.A |




@ 3000K

## Emma Wall 2 Mono Retrofit



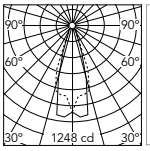



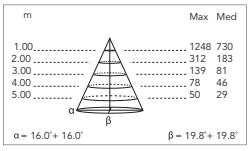

GZ10-Glühbirnenfassung nicht enthalten, kompatibel mit nachrüstbaren LED-Glühbirnen. Elektrische Stromversorgung 220-230 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

GZ10 bulb holder not included, compatible with retrofit LED bulbs. Electrical power supply 220-230V ON/OFF. With IP65 cable guide for rubber cables 5mm<ø<10mm and a connection box for fast connections. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**PAR 16:** 35W - 230V - GZ 10 - Lamp max size ø50mm H. 55mm - Optional LED bulb: DR PAR 7,5W - 230V - GZ 10

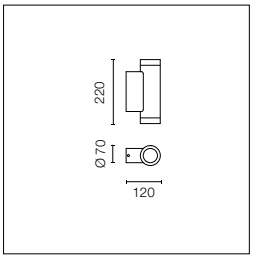
- ○ FA116282101
- ● FA116282106
- ● FA116282112
- ● FA116282118
- ● FA116282130
- ● FA116282133

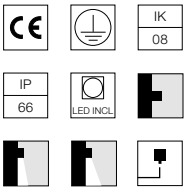



@ 4000K

## Emma Wall 2 Mono Led



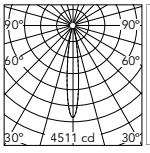

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

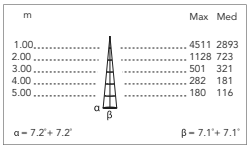
LED source included. Integrated electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 5mm<ø<10mm and a connection box for fast connections. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Optic Spot 14°**

**Power Led:** 6,5W - 574 lm ≠ OUTPUT 439 lm - 2700K/CRI 80 - 110÷240V / 6,5W - 617 lm ≠ OUTPUT 472 lm - 3000K/CRI 80 - 110÷240V / 6,5W - 649 lm ≠ OUTPUT 488 lm - 4000K/CRI 80 - 110÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA116271201 | ○ FA116561201 | ○ FA1161721201 |
| ● FA116271206 | ● FA116561206 | ● FA1161721206 |
| ● FA116271212 | ● FA116561212 | ● FA1161721212 |
| ● FA116271218 | ● FA116561218 | ● FA1161721218 |
| ● FA116271230 | ● FA116561230 | ● FA1161721230 |
| ● FA116271233 | ● FA116561233 | ● FA1161721233 |



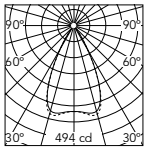



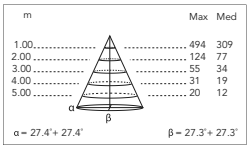

@ 4000K

**Optic Medium 54°**

**Power Led:** 6,5W - 574 lm ≠ OUTPUT 392 lm - 2700K/CRI 80 - 110÷240V / 6,5W - 617 lm ≠ OUTPUT 422 lm - 3000K/CRI 80 - 110÷240V / 6,5W - 649 lm ≠ OUTPUT 436 lm - 4000K/CRI 80 - 110÷240V

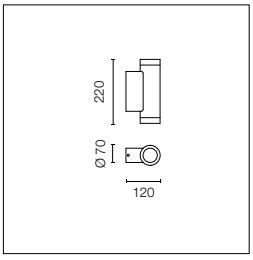
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA116272101 | ○ FA116562101 | ○ FA1161722101 |
| ● FA116272106 | ● FA116562106 | ● FA1161722106 |
| ● FA116272112 | ● FA116562112 | ● FA1161722112 |
| ● FA116272118 | ● FA116562118 | ● FA1161722118 |
| ● FA116272130 | ● FA116562130 | ● FA1161722130 |
| ● FA116272133 | ● FA116562133 | ● FA1161722133 |

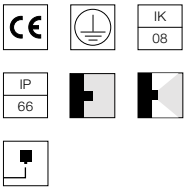



@ 4000K

## Emma Wall 2 Double Retrofit



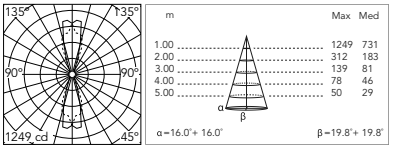




GZ10-Glühbirnenfassung nicht enthalten, kompatibel mit nachrüstbaren LED-Glühbirnen. Elektrische Stromversorgung 220-230 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer 2-poligen Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

GZ10 bulb holder not included, compatible with retrofit LED bulbs. Electrical power supply 220-230V ON/OFF. With IP65 cable guide for rubber cables 5mm<ø<10mm and a 2-pole connection box for fast connections. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

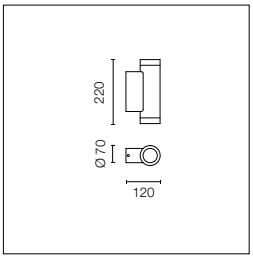
**PAR 16:** 2x35W - 230V - GZ 10 - Lamp max size ø50mm H. 55mm - Optional LED bulb: DR PAR 7,5W - 230V - GZ 10

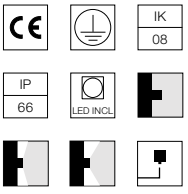
- ○ FA116284201
- ● FA116284206
- ● FA116284212
- ● FA116284218
- ● FA116284230
- ● FA116284233




@ 4000K

## Emma Wall 2 Double Led



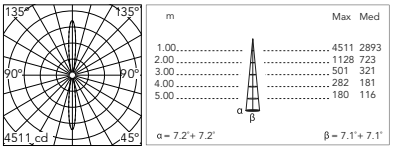

Inklusive LED-Quelle. Elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<10 mm und einer Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 5mm<ø<10mm and a connection box for fast connections. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Optic Spot 14°**

**Power Led:** 12W - 2x574 lm ≠ OUTPUT 2x439 lm - 2700K/CRI 80 - 110÷240V / 12W - 2x617 lm ≠ OUTPUT 2x472 lm - 3000K/CRI 80 - 110÷240V / 12W - 2x649 lm ≠ OUTPUT 2x488 lm - 4000K/CRI 80 - 110÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1162711301 | ○ FA1165611301 | ○ FA11617211301 |
| ● FA1162711306 | ● FA1165611306 | ● FA11617211306 |
| ● FA1162711312 | ● FA1165611312 | ● FA11617211312 |
| ● FA1162711318 | ● FA1165611318 | ● FA11617211318 |
| ● FA1162711330 | ● FA1165611330 | ● FA11617211330 |
| ● FA1162711333 | ● FA1165611333 | ● FA11617211333 |

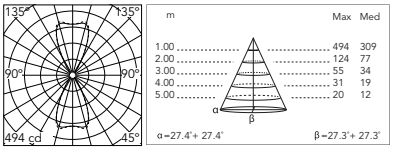



@ 4000K

**Optic Medium 54°**

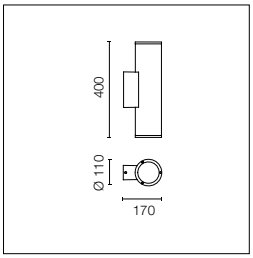
**Power Led:** 12W - 2x574 lm ≠ OUTPUT 2x392 lm - 2700K/CRI 80 - 110÷240V / 12W - 2x617 lm ≠ OUTPUT 2x422 lm - 3000K/CRI 80 - 110÷240V / 12W - 2x649 lm ≠ OUTPUT 2x436 lm - 4000K/CRI 80 - 110÷240V

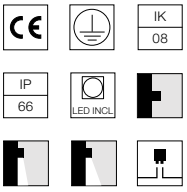
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA116274201 | ○ FA116564201 | ○ FA1161724201 |
| ● FA116274206 | ● FA116564206 | ● FA1161724206 |
| ● FA116274212 | ● FA116564212 | ● FA1161724212 |
| ● FA116274218 | ● FA116564218 | ● FA1161724218 |
| ● FA116274230 | ● FA116564230 | ● FA1161724230 |
| ● FA116274233 | ● FA116564233 | ● FA1161724233 |




@ 4000K

## Emma Wall 3 Mono



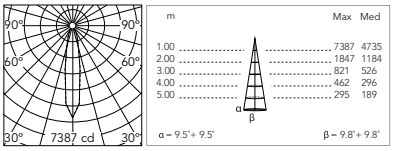

Inklusive LED-Quelle. Elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 8mm<ø<12mm und einer Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 8mm<ø<12mm and a connection box for fast connections. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Optic Spot 20°**

**CoB Led:** 14,5W - 1895 lm ≠ OUTPUT 1569 lm - 2700K/CRI 80 - 220÷240V / 14,5W - 2038 lm ≠ OUTPUT 1687 lm - 3000K/CRI 80 - 220÷240V / 14,5W - 2123 lm ≠ OUTPUT 1757 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA11727914601 | ○ FA11726914601 | ○ FA11726814601 |
| ● FA11727914606 | ● FA11726914606 | ● FA11726814606 |
| ● FA11727914612 | ● FA11726914612 | ● FA11726814612 |
| ● FA11727914618 | ● FA11726914618 | ● FA11726814618 |
| ● FA11727914630 | ● FA11726914630 | ● FA11726814630 |
| ● FA11727914633 | ● FA11726914633 | ● FA11726814633 |

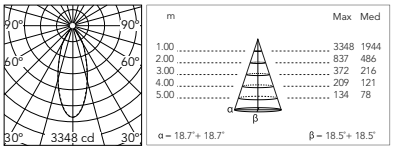



@ 4000K

**Optic Medium 38°**

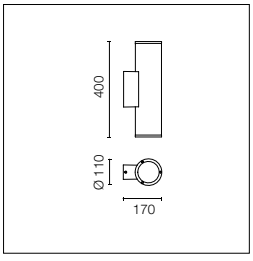
**CoB Led:** 14,5W - 1895 lm ≠ OUTPUT 1526 lm - 2700K/CRI 80 - 220÷240V / 14,5W - 2038 lm ≠ OUTPUT 1641 lm - 3000K/CRI 80 - 220÷240V / 14,5W - 2123 lm ≠ OUTPUT 1709 lm - 4000K/CRI 80 - 220÷240V

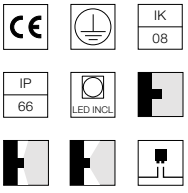
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA11727914701 | ○ FA11726914701 | ○ FA11726814701 |
| ● FA11727914706 | ● FA11726914706 | ● FA11726814706 |
| ● FA11727914712 | ● FA11726914712 | ● FA11726814712 |
| ● FA11727914718 | ● FA11726914718 | ● FA11726814718 |
| ● FA11727914730 | ● FA11726914730 | ● FA11726814730 |
| ● FA11727914733 | ● FA11726914733 | ● FA11726814733 |




@ 4000K

## Emma Wall 3 Double



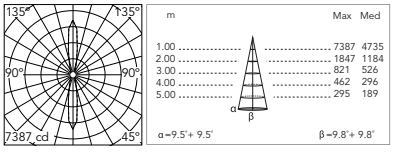

Inklusive LED-Quelle. Elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 8mm<ø<12mm und einer Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 8mm<ø<12mm and a connection box for fast connections. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Optic Spot 20°**

**CoB Led:** 27W - 2x1895 lm ≠ OUTPUT 2x1569 lm - 2700K/CRI 80 - 220÷240V / 27W - 2x2038 lm ≠ OUTPUT 2x1687 lm - 3000K/CRI 80 - 220÷240V / 27W - 2x2123 lm ≠ OUTPUT 2x1757 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA11727914801 | ○ FA11726914801 | ○ FA11726814801 |
| ● FA11727914806 | ● FA11726914806 | ● FA11726814806 |
| ● FA11727914812 | ● FA11726914812 | ● FA11726814812 |
| ● FA11727914818 | ● FA11726914818 | ● FA11726814818 |
| ● FA11727914830 | ● FA11726914830 | ● FA11726814830 |
| ● FA11727914833 | ● FA11726914833 | ● FA11726814833 |

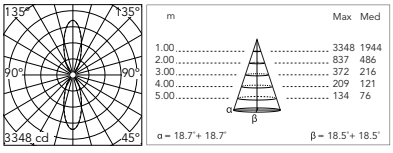



@ 4000K

**Optic Medium 38°**

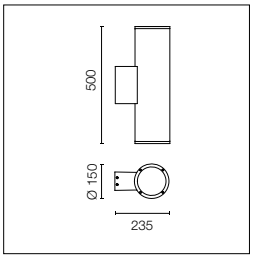
**CoB Led:** 27W - 2x1895 lm ≠ OUTPUT 2x1526 lm - 2700K/CRI 80 - 220÷240V / 27W - 2x2038 lm ≠ OUTPUT 2x1641 lm - 3000K/CRI 80 - 220÷240V / 27W - 2x2123 lm ≠ OUTPUT 2x1709 lm - 4000K/CRI 80 - 220÷240V

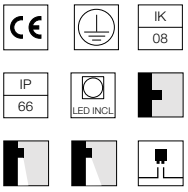
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA11727914901 | ○ FA11726914901 | ○ FA11726814901 |
| ● FA11727914906 | ● FA11726914906 | ● FA11726814906 |
| ● FA11727914912 | ● FA11726914912 | ● FA11726814912 |
| ● FA11727914918 | ● FA11726914918 | ● FA11726814918 |
| ● FA11727914930 | ● FA11726914930 | ● FA11726814930 |
| ● FA11727914933 | ● FA11726914933 | ● FA11726814933 |




@ 4000K

## Emma Wall 4 Mono



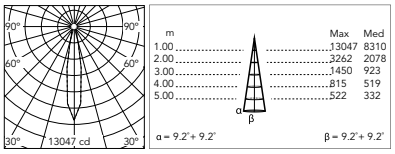

Inklusive LED-Quelle. Elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 8 mm<ø<12 mm und einer Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 8mm<ø<12mm and a connection box for fast connections. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Optic Spot 18°**

**CoB Led:** 20W - 2744 lm ≠ OUTPUT 2121 lm - 2700K/CRI 80 - 220÷240V / 20W - 2950 lm ≠ OUTPUT 2281 lm - 3000K/CRI 80 - 220÷240V / 20W - 3080 lm ≠ OUTPUT 2382 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA11828215001 | ○ FA11827215001 | ○ FA11827115001 |
| ● FA11828215006 | ● FA11827215006 | ● FA11827115006 |
| ● FA11828215012 | ● FA11827215012 | ● FA11827115012 |
| ● FA11828215018 | ● FA11827215018 | ● FA11827115018 |
| ● FA11828215030 | ● FA11827215030 | ● FA11827115030 |
| ● FA11828215033 | ● FA11827215033 | ● FA11827115033 |

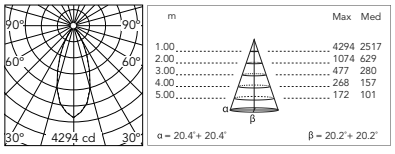



@ 4000K

**Optic Medium 42°**

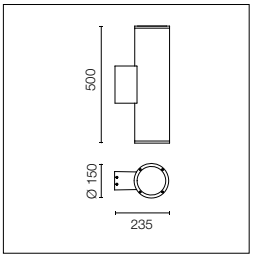
**CoB Led:** 20W - 2744 lm ≠ OUTPUT 2030 lm - 2700K/CRI 80 - 220÷240V / 20W - 2950 lm ≠ OUTPUT 2183 lm - 3000K/CRI 80 - 220÷240V / 20W - 3080 lm ≠ OUTPUT 2279 lm - 4000K/CRI 80 - 220÷240V

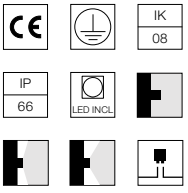
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA11828215101 | ○ FA11827215101 | ○ FA11827115101 |
| ● FA11828215106 | ● FA11827215106 | ● FA11827115106 |
| ● FA11828215112 | ● FA11827215112 | ● FA11827115112 |
| ● FA11828215118 | ● FA11827215118 | ● FA11827115118 |
| ● FA11828215130 | ● FA11827215130 | ● FA11827115130 |
| ● FA11828215133 | ● FA11827215133 | ● FA11827115133 |




@ 4000K

## Emma Wall 4 Double



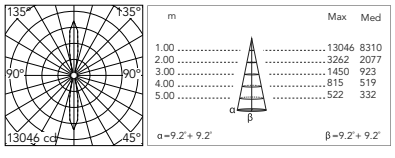

Inklusive LED-Quelle. Elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 8 mm<ø<12 mm und einer Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 8mm<ø<12mm and a connection box for fast connections. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Optic Spot 18°**

**CoB Led:** 39W - 2x2744 lm ≠ OUTPUT 2x2121 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x2950 lm ≠ OUTPUT 2x2281 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x3080 lm ≠ OUTPUT 2x2382 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA11828215201 | ○ FA11827215201 | ○ FA11827115201 |
| ● FA11828215206 | ● FA11827215206 | ● FA11827115206 |
| ● FA11828215212 | ● FA11827215212 | ● FA11827115212 |
| ● FA11828215218 | ● FA11827215218 | ● FA11827115218 |
| ● FA11828215230 | ● FA11827215230 | ● FA11827115230 |
| ● FA11828215233 | ● FA11827215233 | ● FA11827115233 |

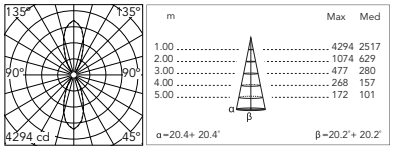



@ 4000K

**Optic Medium 42°**

**CoB Led:** 39W - 2x2744 lm ≠ OUTPUT 2x2030 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x2950 lm ≠ OUTPUT 2x2183 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x3080 lm ≠ OUTPUT 2x2279 lm - 4000K/CRI 80 - 220÷240V

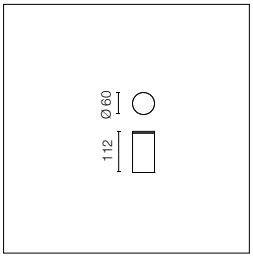
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA11828215301 | ○ FA11827215301 | ○ FA11827115301 |
| ● FA11828215306 | ● FA11827215306 | ● FA11827115306 |
| ● FA11828215312 | ● FA11827215312 | ● FA11827115312 |
| ● FA11828215318 | ● FA11827215318 | ● FA11827115318 |
| ● FA11828215330 | ● FA11827215330 | ● FA11827115330 |
| ● FA11828215333 | ● FA11827215333 | ● FA11827115333 |

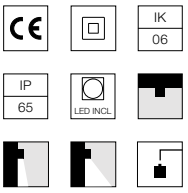



@ 4000K

| | | | |
|---|---|---|---|
| 2-Wege-Klemmleiste 4-polig IP68. (ø7÷12mm Kabel). | 2 way terminal block 4 poles IP68. (ø7÷12mm cable). | F990C040000 | |

## Emma Ceiling 2



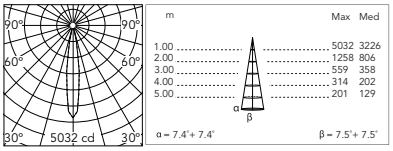

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<9 mm und einer Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated electrical power supply 220-240V ON/OFF. With IP65 cable guide for rubber cables 5mm<ø<9mm and a connection box for fast connections. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Optic Spot 15°**

**Power Led:** 6W - 442 lm ≠ OUTPUT 396 lm - 2700K/CRI 80 - 220÷240V / 6W - 475 lm ≠ OUTPUT 426 lm - 3000K/CRI 80 - 220÷240V / 6W - 510 lm ≠ OUTPUT 458 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53124201.A | ○ FA53104201 | ○ FA53104101 |
| ● FA53124206.A | ● FA53104206 | ● FA53104106 |
| ● FA53124212.A | ● FA53104212 | ● FA53104112 |
| ● FA53124218.A | ● FA53104218 | ● FA53104118 |
| ● FA53124230.A | ● FA53104230 | ● FA53104130 |
| ● FA53124233.A | ● FA53104233 | ● FA53104133 |

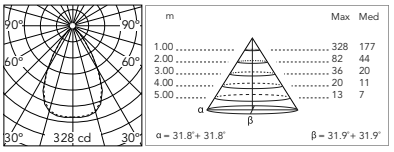



@ 4000K

**Optic Flood 65°**

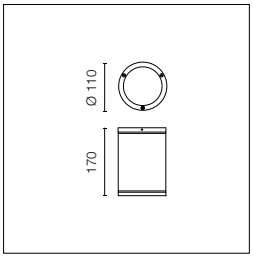
**Power Led:** 6W - 442 lm ≠ OUTPUT 314 lm - 2700K/CRI 80 - 220÷240V / 6W - 475 lm ≠ OUTPUT 338 lm - 3000K/CRI 80 - 220÷240V / 6W - 510 lm ≠ OUTPUT 363 lm - 4000K/CRI 80 - 220÷240V

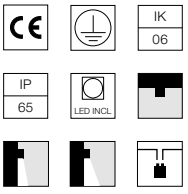
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53124401.A | ○ FA53104401 | ○ FA53104301 |
| ● FA53124406.A | ● FA53104406 | ● FA53104306 |
| ● FA53124412.A | ● FA53104412 | ● FA53104312 |
| ● FA53124418.A | ● FA53104418 | ● FA53104318 |
| ● FA53124430.A | ● FA53104430 | ● FA53104330 |
| ● FA53124433.A | ● FA53104433 | ● FA53104333 |




@ 4000K

## Emma Ceiling 3 Direct Voltage



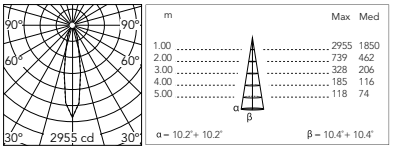

Inklusive LED-Quelle. LED-Modul konfiguriert, damit es direkt am Netz 220-230V ON/OFF funktioniert. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<9 mm und einer Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. LED module configured to work directly on the mains 220-230V ON/OFF. With IP65 cable guide for rubber cables 5mm<ø<9mm and a connection box for fast connections. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Optic Spot 20°**

**CoB Led:** 12W - 951 lm ≠ OUTPUT 752 lm - 3000K/CRI 80 - 220÷230V

| 3000K |
|---|
| ○ FA53102901 |
| ● FA53102906 |
| ● FA53102912 |
| ● FA53102918 |
| ● FA53102930 |
| ● FA53102933 |

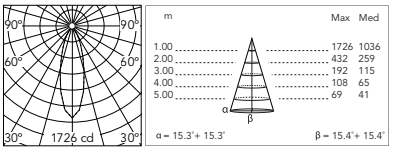



@ 3000K

**Optic Medium 30°**

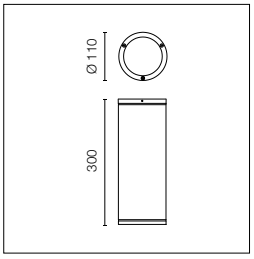
**CoB Led:** 12W - 951 lm ≠ OUTPUT 713 lm - 3000K/CRI 80 - 220÷230V

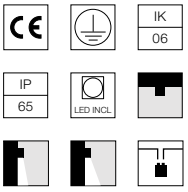
| 3000K |
|---|
| ○ FA53103001 |
| ● FA53103006 |
| ● FA53103012 |
| ● FA53103018 |
| ● FA53103030 |
| ● FA53103033 |




@ 3000K

## Emma Ceiling 3




Inklusive LED-Quelle. Integrierte Stromversorgung 220-230 V ON/OFF und dimmbar 1-10 V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<9 mm und einer Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-230V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<ø<9mm and a connection box for fast connections. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

### Optic Spot 20°

**CoB Led:** 15W - 1622 lm ≠ OUTPUT 1455 lm - 2700K/CRI 80 - 220÷240V / 15W - 1744 lm ≠ OUTPUT 1564 lm - 3000K/CRI 80 - 220÷240V / 15W - 1829 lm ≠ OUTPUT 1641 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53121201
- FA53121206
- FA53121212
- FA53121218
- FA53121230
- FA53121233

1-10V
- FA53121201-310
- FA53121206-310
- FA53121212-310
- FA53121218-310
- FA53121230-310
- FA53121233-310

Dali
- FA53121201-300.A
- FA53121206-300.A
- FA53121212-300.A
- FA53121218-300.A
- FA53121230-300.A
- FA53121233-300.A

**3000K**

Non Dimmable
- FA53101201
- FA53101206
- FA53101212
- FA53101218
- FA53101230
- FA53101233

1-10V
- FA53101201-310
- FA53101206-310
- FA53101212-310
- FA53101218-310
- FA53101230-310
- FA53101233-310

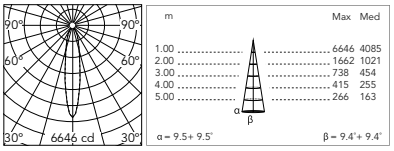
Dali
- FA53101201-300.A
- FA53101206-300.A
- FA53101212-300.A
- FA53101218-300.A
- FA53101230-300.A
- FA53101233-300.A

**4000K**

Non Dimmable
- FA53101101
- FA53101106
- FA53101112
- FA53101118
- FA53101130
- FA53101133

1-10V
- FA53101101-310
- FA53101106-310
- FA53101112-310
- FA53101118-310
- FA53101130-310
- FA53101133-310

Dali
- FA53101101-300.A
- FA53101106-300.A
- FA53101112-300.A
- FA53101118-300.A
- FA53101130-300.A
- FA53101133-300.A




@ 4000K

### Optic Medium 40°

**CoB Led:** 15W - 1622 lm ≠ OUTPUT 1443 lm - 2700K/CRI 80 - 220÷240V / 15W - 1744 lm ≠ OUTPUT 1552 lm - 3000K/CRI 80 - 220÷240V / 15W - 1829 lm ≠ OUTPUT 1628 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53120901
- FA53120906
- FA53120912
- FA53120918
- FA53120930
- FA53120933

1-10V
- FA53120901-310
- FA53120906-310
- FA53120912-310
- FA53120918-310
- FA53120930-310
- FA53120933-310

Dali
- FA53120901-300.A
- FA53120906-300.A
- FA53120912-300.A
- FA53120918-300.A
- FA53120930-300.A
- FA53120933-300.A

**3000K**

Non Dimmable
- FA53100901
- FA53100906
- FA53100912
- FA53100918
- FA53100930
- FA53100933

1-10V
- FA53100901-310
- FA53100906-310
- FA53100912-310
- FA53100918-310
- FA53100930-310
- FA53100933-310

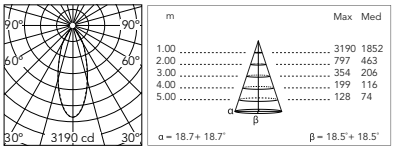
Dali
- FA53100901-300.A
- FA53100906-300.A
- FA53100912-300.A
- FA53100918-300.A
- FA53100930-300.A
- FA53100933-300.A

**4000K**

Non Dimmable
- FA53100801
- FA53100806
- FA53100812
- FA53100818
- FA53100830
- FA53100833

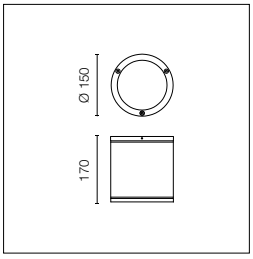
1-10V
- FA53100801-310
- FA53100806-310
- FA53100812-310
- FA53100818-310
- FA53100830-310
- FA53100833-310

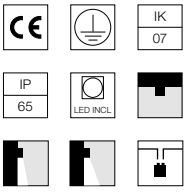
Dali
- FA53100801-300.A
- FA53100806-300.A
- FA53100812-300.A
- FA53100818-300.A
- FA53100830-300.A
- FA53100833-300.A




@ 4000K

## Emma Ceiling 4 Direct Voltage




Inklusive LED-Quelle. LED-Modul konfiguriert, damit es direkt am Netz 220-230V ON/OFF funktioniert. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<9 mm und einer Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

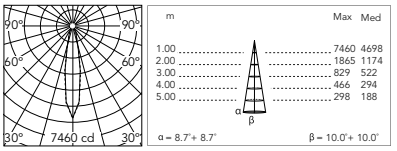
LED source included. LED module configured to work directly on the mains 220-230V ON/OFF. With IP65 cable guide for rubber cables 5mm<ø<9mm and a connection box for fast connections. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Optic Spot 20°**

**CoB Led:** 24W - 2303 lm ≠ OUTPUT 1659 lm - 3000K/CRI 80 - 220÷230V

**3000K**

- ○ FA53103101
- ● FA53103106
- ● FA53103112
- ● FA53103118
- ● FA53103130
- ● FA53103133

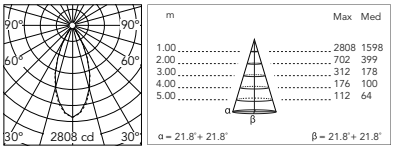



**Optic Medium 40°**

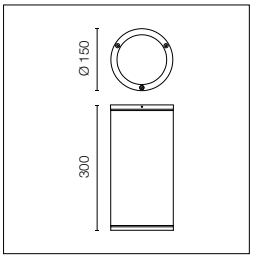
**CoB Led:** 24W - 2303 lm ≠ OUTPUT 1610 lm - 3000K/CRI 80 - 220÷230V

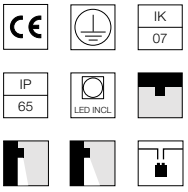
**3000K**

- ○ FA53103201
- ● FA53103206
- ● FA53103212
- ● FA53103218
- ● FA53103230
- ● FA53103233



## Emma Ceiling 4



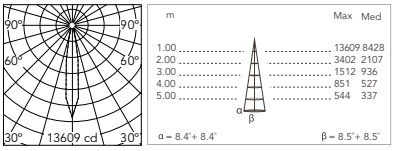

Inklusive LED-Quelle. Integrierte Stromversorgung 220-230 V ON/OFF und dimmbar 1-10 V oder DALI. Mit IP65 Kabelführung für Gummikabel 5 mm<ø<9 mm und einer Anschlussdose für einen schnellen Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

LED source included. Integrated power supply 220-230V ON/OFF and dimmable 1-10V or DALI. With IP65 cable guide for rubber cables 5mm<ø<9mm and a connection box for fast connections. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.

**Optic Spot 20°**

**CoB Led:** 20W - 2387 lm ≠ OUTPUT 1907 lm - 2700K/CRI 80 - 220÷240V / 20W - 2567 lm ≠ OUTPUT 2050 lm - 3000K/CRI 80 - 220÷240V / 20W - 2632 lm ≠ OUTPUT 2102 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53122401 | ○ FA53102401 | ○ FA53102501 |
| ● FA53122406 | ● FA53102406 | ● FA53102506 |
| ● FA53122412 | ● FA53102412 | ● FA53102512 |
| ● FA53122418 | ● FA53102418 | ● FA53102518 |
| ● FA53122430 | ● FA53102430 | ● FA53102530 |
| ● FA53122433 | ● FA53102433 | ● FA53102533 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53122401-310 | ○ FA53102401-310 | ○ FA53102501-310 |
| ● FA53122406-310 | ● FA53102406-310 | ● FA53102506-310 |
| ● FA53122412-310 | ● FA53102412-310 | ● FA53102512-310 |
| ● FA53122418-310 | ● FA53102418-310 | ● FA53102518-310 |
| ● FA53122430-310 | ● FA53102430-310 | ● FA53102530-310 |
| ● FA53122433-310 | ● FA53102433-310 | ● FA53102533-310 |
| Dali | Dali | Dali |
| ○ FA53122401-300.A | ○ FA53102401-300.A | ○ FA53102501-300.A |
| ● FA53122406-300.A | ● FA53102406-300.A | ● FA53102506-300.A |
| ● FA53122412-300.A | ● FA53102412-300.A | ● FA53102512-300.A |
| ● FA53122418-300.A | ● FA53102418-300.A | ● FA53102518-300.A |
| ● FA53122430-300.A | ● FA53102430-300.A | ● FA53102530-300.A |
| ● FA53122433-300.A | ● FA53102433-300.A | ● FA53102533-300.A |

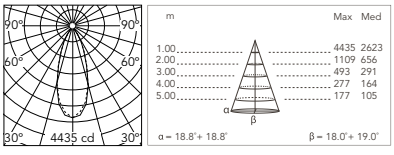



@ 4000K

**Optic Medium 40°**

**CoB Led:** 20W - 2387 lm ≠ OUTPUT 1923 lm - 2700K/CRI 80 - 220÷240V / 20W - 2567 lm ≠ OUTPUT 2068 lm - 3000K/CRI 80 - 220÷240V / 20W - 2632 lm ≠ OUTPUT 2121 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53122101 | ○ FA53102101 | ○ FA53102001 |
| ● FA53122106 | ● FA53102106 | ● FA53102006 |
| ● FA53122112 | ● FA53102112 | ● FA53102012 |
| ● FA53122118 | ● FA53102118 | ● FA53102018 |
| ● FA53122130 | ● FA53102130 | ● FA53102030 |
| ● FA53122133 | ● FA53102133 | ● FA53102033 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53122101-310 | ○ FA53102101-310 | ○ FA53102001-310 |
| ● FA53122106-310 | ● FA53102106-310 | ● FA53102006-310 |
| ● FA53122112-310 | ● FA53102112-310 | ● FA53102012-310 |
| ● FA53122118-310 | ● FA53102118-310 | ● FA53102018-310 |
| ● FA53122130-310 | ● FA53102130-310 | ● FA53102030-310 |
| ● FA53122133-310 | ● FA53102133-310 | ● FA53102033-310 |
| Dali | Dali | Dali |
| ○ FA53122101-300.A | ○ FA53102101-300.A | ○ FA53102001-300.A |
| ● FA53122106-300.A | ● FA53102106-300.A | ● FA53102006-300.A |
| ● FA53122112-300.A | ● FA53102112-300.A | ● FA53102012-300.A |
| ● FA53122118-300.A | ● FA53102118-300.A | ● FA53102018-300.A |
| ● FA53122130-300.A | ● FA53102130-300.A | ● FA53102030-300.A |
| ● FA53122133-300.A | ● FA53102133-300.A | ● FA53102033-300.A |




@ 4000K

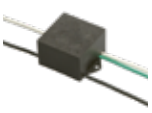
## Emma: Zubehörteile / Accessories

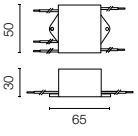
Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66.

Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66.

LED Lamps

F990E00A000





## Leila

Leila

## Familie / Family

Leila 1

**CoB Led**
up to 12W
up to 646 lm - 2700K/CRI 80
up to 695 lm - 3000K/CRI 80
up to 723 lm - 4000K/CRI 80
* Net lumen output

Leila 2

**CoB Led**
up to 16W
up to 1072 lm - 2700K/CRI 80
up to 1153 lm - 3000K/CRI 80
up to 1210 lm - 4000K/CRI 80
* Net lumen output

Leila 3

**CoB Led**
up to 30W
up to 2566 lm - 2700K/CRI 80
up to 2759 lm - 3000K/CRI 80
up to 2894 lm - 4000K/CRI 80
* Net lumen output

Leila 4

**CoB Led**
up to 43W
up to 3076 lm - 2700K/CRI 80
up to 3302 lm - 3000K/CRI 80
up to 3392 lm - 4000K/CRI 80
* Net lumen output

## Ausführungen / Colours



01 White

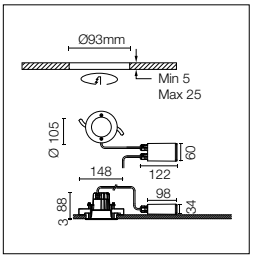
56 Matt Stainless Steel

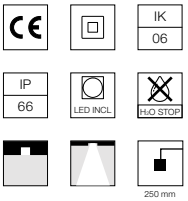
## Beschreibung / Description

Leuchtenfamilie mit LED-Quelle für Deckeneinbau oder Gipskarton-Zwischendeckenmontage. Sie zeichnen sich durch ihre runde Form aus. Erhältlich in vier Dimensionen und verschiedenen Abstrahlwinkeln per Dimension. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil), Außendeckel aus Edelstahl AISI 316L, kugelgestrahlt und mattweiß lackiert. Texturierter Diffusor mit Siebdruckkante, mit einem Roboterklebesystem an der Lampe befestigt. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt. Ausgestattet mit einem wasserdichten M12-Gewindeanschluss, der das Eindringen von Wasser verhindert und einen schnellen Anschluss an die Kabeleinheit ermöglicht. Die Stromversorgung wird zusammen mit einem IP67-Fernbedienungskit geliefert, das bei Einbau in eine gemauerte Decke in der Anschlussdose untergebracht wird, oder bei Einbau in eine Zwischendecke direkt neben der Leuchte befestigt wird. Die Anschlussdose zum Einbau in gemauerten oder Stahlbetondecken ist als Zubehör erhältlich.

Luminaire family with LED source for recessed ceiling and plasterboard false ceiling mounting. Defined by their round shape. Available in four dimensions and different beam angles per dimension. EN AB-47100 die cast aluminum body (with low copper content), AISI 316L stainless steel outer lid, shot-blasted and varnished in matte white. Textured glass diffuser with silkscreen edge, attached to the luminaire with a robotic gluing system. The fixing screws are made of stainless steel AISI 316L. Equipped with a watertight M12 threaded connector that prevents water infiltration and facilitates quick connection to the wiring unit. The power supply is supplied together with a remote IP67 kit to be housed in the junction box in case of recessed installation in a masonry ceiling, or supported directly near the luminaire, in case of recessed installation in a false ceiling. The metal junction box to be recessed in case of installation in masonry or reinforced concrete ceilings is available as an accessory.

## Leila 1



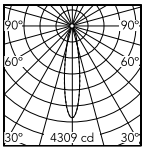

Inklusive LED-Quelle. Elektrische Stromversorgung 220-240 V ON/OFF: Fernbedienungskit mit einem 400 mm überstehenden Kabel mit einem wasserdichten M12-Gewindeanschluss an der Lampe und einem 250 mm überstehenden Kabel für den Anschluss ans Netz. Dieses muss bei gemauerten Decken in der Anschlussdose untergebracht werden (muss separat bestellt werden) oder bei Gipskarton-Zwischendecken neben der Leuchte angebracht werden Dimmbare Version auf Anfrage erhältlich.

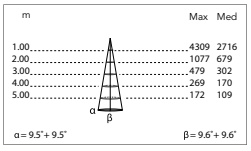
LED source included. Electrical power supply 220-240V ON/OFF: remote kit with a 400mm cable section with watertight threaded M12 connector on the luminaire and a 250mm cable section for connection on the mains. This needs to be housed in the junction box for masonry ceilings (it needs to be ordered separately) or set next to the luminaire in case of plasterboard false ceilings. Dimmable version available upon request.

**Optic Spot 19°**

**CoB Led:**12W - 1779 lm ≠ OUTPUT 859 lm - 2700K/CRI 80 - 220÷240V / 12W - 1229 lm ≠ OUTPUT 895 lm - 3000K/CRI 80 - 220÷240V / 12W - 1278 lm ≠ OUTPUT 980 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53610901 | ○ FA53600901 | ○ FA53600801 |
| ◐ FA53610356 | ◐ FA53600356 | ◐ FA53600256 |



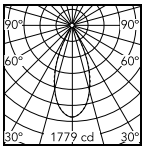



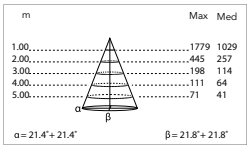

@ 3000K

**Optic Medium 43º**

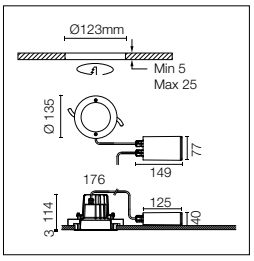
**CoB Led:** 12W - 1179 lm ≠ OUTPUT 941 lm - 2700K/CRI 80 - 220÷240V / 12W - 1229 lm ≠ OUTPUT 980 lm - 3000K/CRI 80 - 220÷240V / 12W - 1278 lm ≠ OUTPUT 1073 lm - 4000K/CRI 80 - 220÷240V

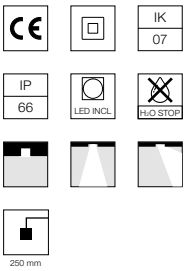
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA53611201 | ○ FA53601201 | ○ FA53601101 |
| ◐ FA53610656 | ◐ FA53600656 | ◐ FA53600556 |




@ 3000K



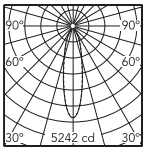

Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI.: Fernbedienungskit mit einem 400 mm überstehenden Kabel mit einem wasserdichten M12-Gewindeanschluss an der Lampe und einem 250 mm überstehenden Kabel für den Anschluss ans Netz. Dieses muss bei gemauerten Decken in der Anschlussdose untergebracht werden (muss separat bestellt werden) oder bei Gipskarton-Zwischendecken neben der Leuchte angebracht werden Dimmbare Version auf Anfrage erhältlich.

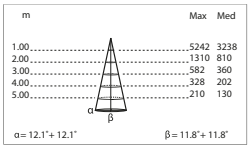
LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI: remote kit with a 400mm cable section with watertight threaded M12 connector on the luminaire and a 250mm cable section for connection on the mains. This needs to be housed in the junction box for masonry ceilings (it needs to be ordered separately) or set next to the luminaire in case of plasterboard false ceilings. Dimmable version available upon request.

### Optic Spot 24°

**CoB Led:** 16W - 2065 lm ≠ OUTPUT 1457 lm - 2700K/CRI 80 - 220÷240V / 16W - 2149 lm ≠ OUTPUT 1567 lm - 3000K/CRI 80 - 220÷240V / 16W - 2240 lm ≠ OUTPUT 1653 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53612201 | ○ FA53602201 | ○ FA53602101 |
| ◐ FA53611456 | ◐ FA53601456 | ◐ FA53601356 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53612201-310 | ○ FA53602201-310 | ○ FA53602101-310 |
| ◐ FA53611456-310 | ◐ FA53601456-310 | ◐ FA53601356-310 |
| Dali | Dali | Dali |
| ○ FA53612201-300 | ○ FA53602201-300 | ○ FA53602101-300 |
| ◐ FA53611456-300 | ◐ FA53601456-300 | ◐ FA53601356-300 |



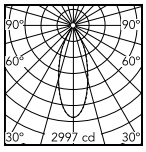



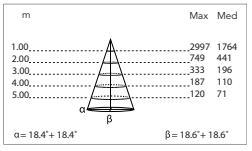

@ 3000K

### Optic Medium 37°

**CoB Led:** 16W - 2065 lm ≠ OUTPUT 1365 lm - 2700K/CRI 80 - 220÷240V / 16W - 2149 lm ≠ OUTPUT 1468 lm - 3000K/CRI 80 - 220÷240V / 16W - 2240 lm ≠ OUTPUT 1549 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53612401 | ○ FA53602401 | ○ FA53602301 |
| ◐ FA53611656 | ◐ FA53601656 | ◐ FA53601556 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53612401-310 | ○ FA53602401-310 | ○ FA53602301-310 |
| ◐ FA53611656-310 | ◐ FA53601656-310 | ◐ FA53601556-310 |
| Dali | Dali | Dali |
| ○ FA53612401-300 | ○ FA53602401-300 | ○ FA53602301-300 |
| ◐ FA53611656-300 | ◐ FA53601656-300 | ◐ FA53601556-300 |



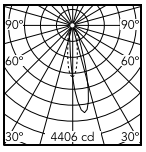



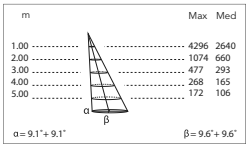

@ 3000K

### Asymmetric Optic 12° - 19°

**CoB Led:** 16W - 1653 lm ≠ OUTPUT 974 lm - 2700K/CRI 80 - 220÷240V / 16W - 1722 lm ≠ OUTPUT 1015 lm - 3000K/CRI 80 - 220÷240V / 16W - 1791 lm ≠ OUTPUT 1111 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53612601 | ○ FA53602601 | ○ FA53602501 |
| ◐ FA53611856 | ◐ FA53601856 | ◐ FA53601756 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53612601-310 | ○ FA53602601-310 | ○ FA53602501-310 |
| ◐ FA53611856-310 | ◐ FA53601856-310 | ◐ FA53601756-310 |
| Dali | Dali | Dali |
| ○ FA53612601-300 | ○ FA53602601-300 | ○ FA53602501-300 |
| ◐ FA53611856-300 | ◐ FA53601856-300 | ◐ FA53601756-300 |



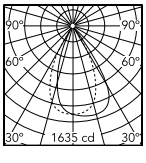



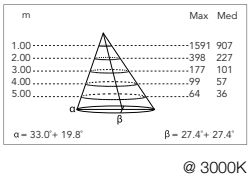

@ 3000K

### Asymmetric Optic 12° - 53°

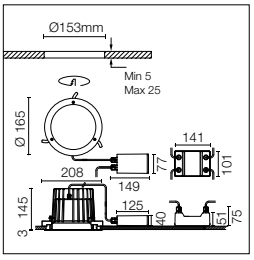
**CoB Led:** 16W - 1653 lm ≠ OUTPUT 1209 lm - 2700K/CRI 80 - 220÷240V / 16W - 1722 lm ≠ OUTPUT 1259 lm - 3000K/CRI 80 - 220÷240V / 16W - 1791 lm ≠ OUTPUT 1379 lm - 4000K/CRI 80 - 220÷240V

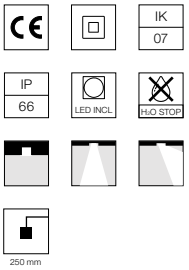
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53612801 | ○ FA53602801 | ○ FA53602701 |
| ◐ FA53612056 | ◐ FA53602056 | ◐ FA53601956 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53612801-310 | ○ FA53602801-310 | ○ FA53602701-310 |
| ◐ FA53612056-310 | ◐ FA53602056-310 | ◐ FA53601956-310 |
| Dali | Dali | Dali |
| ○ FA53612801-300 | ○ FA53602801-300 | ○ FA53602701-300 |
| ◐ FA53612056-300 | ◐ FA53602056-300 | ◐ FA53601956-300 |




@ 3000K



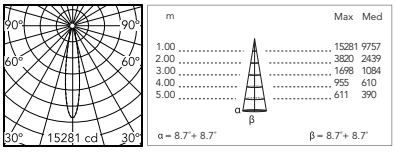

Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI.: Fernbedienungskit mit einem 400 mm überstehenden Kabel mit einem wasserdichten M12-Gewindeanschluss an der Lampe und einem 250 mm überstehenden Kabel für den Anschluss ans Netz. Dieses muss bei gemauerten Decken in der Anschlussdose untergebracht werden (muss separat bestellt werden) oder bei Gipskarton-Zwischendecken neben der Leuchte angebracht werden Dimmbare Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI: remote kit with a 400mm cable section with watertight threaded M12 connector on the luminaire and a 250mm cable section for connection on the mains. This needs to be housed in the junction box for masonry ceilings (it needs to be ordered separately) or set next to the luminaire in case of plasterboard false ceilings. Dimmable version available upon request.

**Optic Spot 17°**

**CoB Led:** 30W - 4109 lm ≠ OUTPUT 2380 lm - 2700K/CRI 80 - 220÷240V / 30W - 4277 lm ≠ OUTPUT 2259 lm - 3000K/CRI 80 - 220÷240V / 30W - 4459 lm ≠ OUTPUT 2700 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53613801 | ○ FA53603801 | ○ FA53603701 |
| ◐ FA53613056 | ◐ FA53603056 | ◐ FA53602956 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53613801-310 | ○ FA53603801-310 | ○ FA53603701-310 |
| ◐ FA53613056-310 | ◐ FA53603056-310 | ◐ FA53602956-310 |
| Dali | Dali | Dali |
| ○ FA53613801-300.A | ○ FA53603801-300.A | ○ FA53603701-300.A |
| ◐ FA53613056-300.A | ◐ FA53603056-300.A | ◐ FA53602956-300.A |

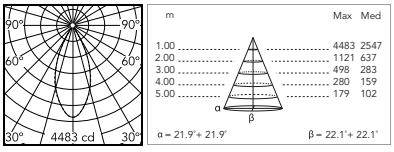



@ 3000K

**Optic Medium 44º**

**CoB Led:** 30W - 4109 lm ≠ OUTPUT 2325 lm - 2700K/CRI 80 - 220÷240V / 30W - 4277 lm ≠ OUTPUT 2500 lm - 3000K/CRI 80 - 220÷240V / 30W - 4459 lm ≠ OUTPUT 2638 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53614001 | ○ FA53604001 | ○ FA53603901 |
| ◐ FA53613256 | ◐ FA53603256 | ◐ FA53603156 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53614001-310 | ○ FA53604001-310 | ○ FA53603901-310 |
| ◐ FA53613256-310 | ◐ FA53603256-310 | ◐ FA53603156-310 |
| Dali | Dali | Dali |
| ○ FA53614001-300.A | ○ FA53604001-300.A | ○ FA53603901-300.A |
| ◐ FA53613256-300.A | ◐ FA53603256-300.A | ◐ FA53603156-300.A |

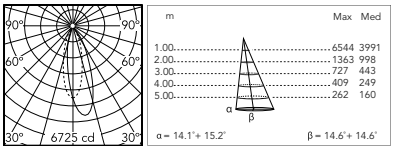



@ 3000K

**Asymmetric Optic 12° - 29°**

**CoB Led:** 30W - 4109 lm ≠ OUTPUT 2199 lm - 2700K/CRI 80 - 220÷240V / 30W - 4277 lm ≠ OUTPUT 2364 lm - 3000K/CRI 80 - 220÷240V / 30W - 4459 lm ≠ OUTPUT 2494 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53614201 | ○ FA53604201 | ○ FA53604101 |
| ◐ FA53613456 | ◐ FA53603456 | ◐ FA53603356 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53614201-310 | ○ FA53604201-310 | ○ FA53604101-310 |
| ◐ FA53613456-310 | ◐ FA53603456-310 | ◐ FA53603356-310 |
| Dali | Dali | Dali |
| ○ FA53614201-300.A | ○ FA53604201-300.A | ○ FA53604101-300.A |
| ◐ FA53613456-300.A | ◐ FA53603456-300.A | ◐ FA53603356-300.A |

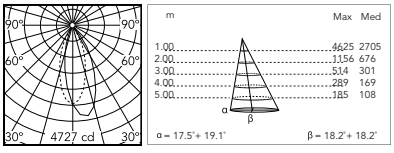



@ 3000K

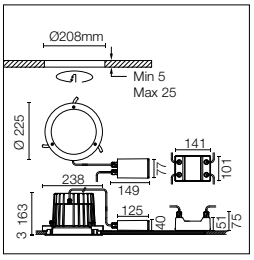
**Asymmetric Optic 12° - 37°**

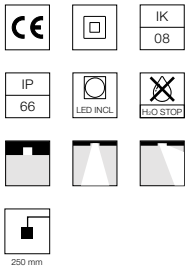
**CoB Led:** 30W - 4109 lm ≠ OUTPUT 2105 lm - 2700K/CRI 80 - 220÷240V / 30W - 4277 lm ≠ OUTPUT 2263 lm - 3000K/CRI 80 - 220÷240V / 30W - 4459 lm ≠ OUTPUT 2387 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53614401 | ○ FA53604401 | ○ FA53604301 |
| ◐ FA53613656 | ◐ FA53603656 | ◐ FA53603556 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53614401-310 | ○ FA53604401-310 | ○ FA53604301-310 |
| ◐ FA53613656-310 | ◐ FA53603656-310 | ◐ FA53603556-310 |
| Dali | Dali | Dali |
| ○ FA53614401-300.A | ○ FA53604401-300.A | ○ FA53604301-300.A |
| ◐ FA53613656-300.A | ◐ FA53603656-300.A | ◐ FA53603556-300.A |




@ 3000K



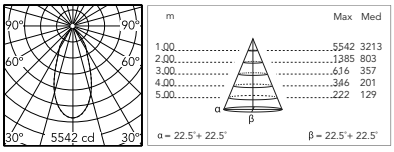

Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI.: Fernbedienungskit mit einem 400 mm überstehenden Kabel mit einem wasserdichten M12-Gewindeanschluss an der Lampe und einem 250 mm überstehenden Kabel für den Anschluss ans Netz. Dieses muss bei gemauerten Decken in der Anschlussdose untergebracht werden (muss separat bestellt werden) oder bei Gipskarton-Zwischendecken neben der Leuchte angebracht werden Dimmbare Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI: remote kit with a 400mm cable section with watertight threaded M12 connector on the luminaire and a 250mm cable section for connection on the mains. This needs to be housed in the junction box for masonry ceilings (it needs to be ordered separately) or set next to the luminaire in case of plasterboard false ceilings. Dimmable version available upon request.

**Optic Medium 45º**

**CoB Led:** 43W - 6111 lm ≠ OUTPUT 6443 lm - 2700K/CRI 80 - 220÷240V / 43W - 6363 lm ≠ OUTPUT 3742 lm - 3000K/CRI 80 - 220÷240V / 43W - 6637 lm ≠ OUTPUT 3929 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53615601 | ○ FA53605601 | ○ FA53605501 |
| ◐ FA53614856 | ◐ FA53604856 | ◐ FA53604756 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53615601-310 | ○ FA53605601-310 | ○ FA53605501-310 |
| ◐ FA53614856-310 | ◐ FA53604856-310 | ◐ FA53604756-310 |
| Dali | Dali | Dali |
| ○ FA53615601-300 | ○ FA53605601-300 | ○ FA53605501-300 |
| ◐ FA53614856-300 | ◐ FA53604856-300 | ◐ FA53604756-300 |

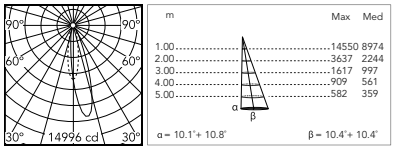



@ 3000K

**Asymmetric Optic 12º - 21º**

**CoB Led:** 43W - 6111 lm ≠ OUTPUT 3104 lm - 2700K/CRI 80 - 220÷240V / 43W - 6363 lm ≠ OUTPUT 3338 lm - 3000K/CRI 80 - 220÷240V / 43W - 6637 lm ≠ OUTPUT 3522 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53615801 | ○ FA53605801 | ○ FA53605701 |
| ◐ FA53615056 | ◐ FA53605056 | ◐ FA53604956 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53615801-310 | ○ FA53605801-310 | ○ FA53605701-310 |
| ◐ FA53615056-310 | ◐ FA53605056-310 | ◐ FA53604956-310 |
| Dali | Dali | Dali |
| ○ FA53615801-300 | ○ FA53605801-300 | ○ FA53605701-300 |
| ◐ FA53615056-300 | ◐ FA53605056-300 | ◐ FA53604956-300 |

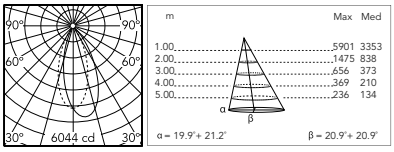



@ 3000K

**Asymmetric Optic 12º - 41º**

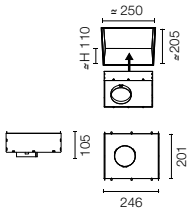
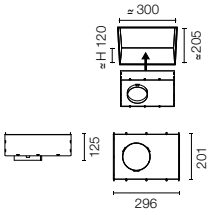
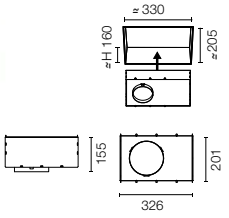
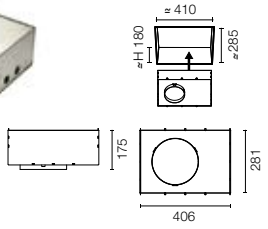
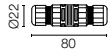
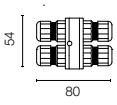
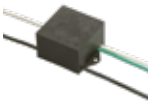
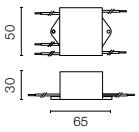
**CoB Led:** 43W - 6111 lm ≠ OUTPUT 3066 lm - 2700K/CRI 80 - 220÷240V / 43W - 6363 lm ≠ OUTPUT 3297 lm - 3000K/CRI 80 - 220÷240V / 43W - 6637 lm ≠ OUTPUT 3478 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53616001 | ○ FA53606001 | ○ FA53605901 |
| ◐ FA53615256 | ◐ FA53605256 | ◐ FA53605156 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53616001-310 | ○ FA53606001-310 | ○ FA53605901-310 |
| ◐ FA53615256-310 | ◐ FA53605256-310 | ◐ FA53605156-310 |
| Dali | Dali | Dali |
| ○ FA53616001-300 | ○ FA53606001-300 | ○ FA53605901-300 |
| ◐ FA53615256-300 | ◐ FA53605256-300 | ◐ FA53605156-300 |




@ 3000K

## Leila: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Einbaudose aus Metall für Betondecken. | Metal installation box for concrete ceiling. | Leila 1<br>FA196 | |  |
| Einbaudose aus Metall für Betondecken. | Metal installation box for concrete ceiling. | Leila 2<br>FA197 | |  |
| Einbaudose aus Metall für Betondecken. | Metal installation box for concrete ceiling. | Leila 3<br>FA198 | |  |
| Einbaudose aus Metall für Betondecken. | Metal installation box for concrete ceiling. | Leila 4<br>FA199 | |  |
| Verbindungssystem, IP68, 2-Wege-$H_2O$ -Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 2 way terminal block 4 poles IP68 $H_2O$ Stop. (ø5,5÷12mm cable). | F990C00A000 | |  |
| Verbindungssystem, IP68, 3/4-Wege-$H_2O$ -Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 $H_2O$ Stop. (ø5,5÷12mm cable). | F990C010000 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |  |  |

## Kirk

Kirk

## Familie / Family

Kirk 1

**CoB Led**
up to 6W
up to 244 lm - 3000K/CRI 80
* Net lumen output

Kirk 2

**CoB Led**
up to 12W
up to 713 lm - 3000K/CRI 80
* Net lumen output

Kirk 3

**CoB Led**
up to 24W
up to 1610 lm - 3000K/CRI 80
* Net lumen output

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

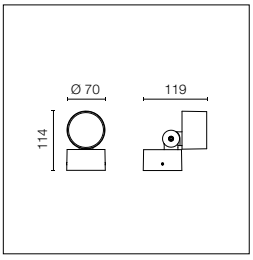
33 Anthracite

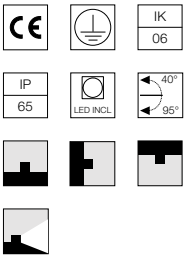
## Beschreibung / Description

Familie von neigbaren Projektionsleuchten mit LED-Quelle, designt zur Decken-, Wand- und Bodenmontage mit einem Metallstift, das separat bestellt werden muss. Erhältlich in drei Dimensionen. Gehäuse aus gedrehtem Aluminium, Legierung EN AW6060 und Edelstahlbügel AISI 316L. Extraklarer Diffusor mit Siebdruckkante, mit einem Roboterklebesystem an der Lampe befestigt. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Die Kabeleinheit hat einen IP68-Anschluss und ist über ein verstellbares Gelenk mit der Sendeeinheit verbunden, so dass sie um ca. 130º auf der vertikalen Achse geneigt werden kann. Der Befestigungsbügel ermöglicht eine Neigung von 90º auf der horizontalen Achse, so dass der Lichtstrahl nach Ihren Bedürfnissen ausgerichtet werden kann.

Family of tiltable projection luminaires with LED source, designed for ceiling, wall and ground mounting with a metal nail that needs to be ordered separately. Available in three dimensions. Turned aluminum body, EN AW6060 alloy and AISI 316L stainless steel bracket. Extraclear glass diffuser with silkscreen edge, attached with a robotic gluing system. Available in different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. The cable unit has a IP68 connector, connected to the emission unit by means of an adjustable joint so it can be tilted approx. 130º on the vertical axis. The fixing bracket allows for a tilting of 90º on the horizontal axis, so the light beam can be directed according to your needs.

## Kirk 1




Inklusive LED-Quelle. LED-Modul konfiguriert, damit es direkt am Netz 220-230V ON/OFF funktioniert. Inklusive Befestigungsbügel. IP68 Anschluss für 6 mm<ø<8 mm Gummikabel. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

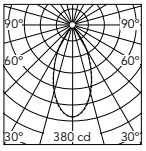
LED source included. LED module configured to work directly on the mains 220-230V ON/OFF. Fixing bracket included. IP68 connector for 6mm<ø<8mm rubber cable. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.
Ground spike to be ordered separately.

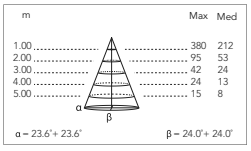
**Optic Medium 50°**

**CoB Led:** 6W - 350 lm ≠ OUTPUT 244 lm - 3000K/CRI 80 - 220-230V

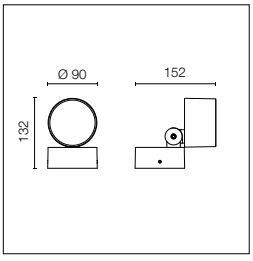
**3000K**

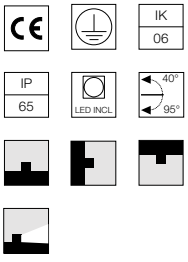
- ○ FA54000101
- ● FA54000106
- ● FA54000112
- ● FA54000118
- ● FA54000130
- ● FA54000133




## Kirk 2




Inklusive LED-Quelle. LED-Modul konfiguriert, damit es direkt am Netz 220-230V ON/OFF funktioniert. Inklusive Befestigungsbügel. IP68 Anschluss für 6 mm<ø<8 mm Gummikabel. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

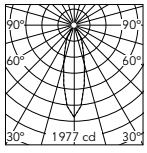
LED source included. LED module configured to work directly on the mains 220-230V ON/OFF. Fixing bracket included. IP68 connector for 6mm<ø<8mm rubber cable. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.
Ground spike to be ordered separately.

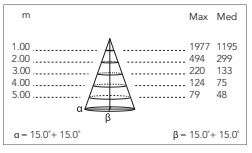
**Optic Medium 30°**

**CoB Led:** 12W - 951 lm ≠ OUTPUT 713 lm - 3000K/CRI 80 - 220-230V

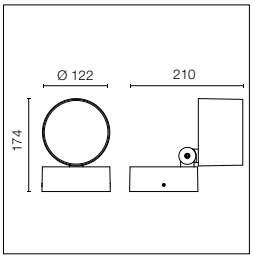
**3000K**

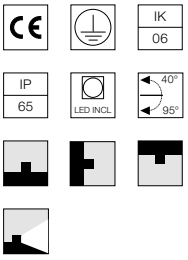
- ○ FA54000201
- ● FA54000206
- ● FA54000212
- ● FA54000218
- ● FA54000230
- ● FA54000233



## Kirk 3




Inklusive LED-Quelle. LED-Modul konfiguriert, damit es direkt am Netz 220-230V ON/OFF funktioniert. Inklusive Befestigungsbügel. IP68 Anschluss für 6 mm<ø<8 mm Gummikabel. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind.

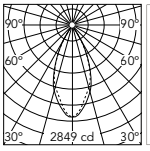
LED source included. LED module configured to work directly on the mains 220-230V ON/OFF. Fixing bracket included. IP68 connector for 6mm<ø<8mm rubber cable. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use.
Ground spike to be ordered separately.

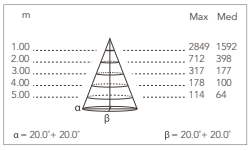
**Optic Medium 40°**

**CoB Led:** 24W - 2303 lm ≠ OUTPUT 1610 lm - 3000K/CRI 80 - 220-230V

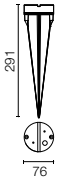
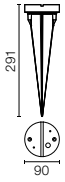
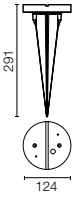
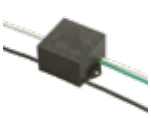
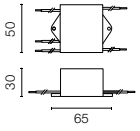
**3000K**

- FA54000301
- FA54000306
- FA54000312
- FA54000318
- FA54000330
- FA54000333




## Kirk: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Erdspieß. | Ground spike. | FA264 | |   |
| Erdspieß. | Ground spike. | FA266 | |   |
| Erdspieß. | Ground spike. | FA268 | |   |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |  |   |

## Spock

Spock

## Familie / Family

Spock 1

**CoB Led**
up to 12W
up to 725 lm - 2700K/CRI 80
up to 780 lm - 3000K/CRI 80
up to 811 lm - 4000K/CRI 80
* Net lumen output

Spock 2

**CoB Led**
up to 29W
up to 2153 lm - 2700K/CRI 80
up to 2315 lm - 3000K/CRI 80
up to 2128 lm - 4000K/CRI 80
* Net lumen output

Spock 3

**CoB Led**
up to 52W
up to 4059 lm - 2700K/CRI 80
up to 4385 lm - 3000K/CRI 80
up to 4477 lm - 4000K/CRI 80
* Net lumen output

Tunable White

**CoB Led**
up to 38W
up to 2200 lm - 2700K/CRI 80
* Net lumen output

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

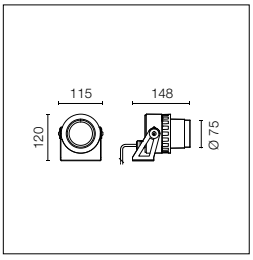
33 Anthracite

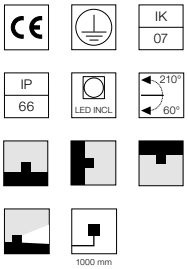
## Beschreibung / Description

Familie von neigbaren Projektionsleuchten mit LED-Quelle, designt zur Decken-, Wand- und Bodenmontage mit einem Metallstift, das separat bestellt werden muss. Erhältlich in drei Dimensionen und zwei Abstrahlwinkeln per Dimension. Gehäuse und Kühlkörper aus gedrehtem Aluminium, Legierung EN AW 6060. Diffusor aus extraklarem Glas für die Standardversion und aus Bernsteinglas für die Version Tunable White, mit Siebdruckkante mit einem Roboterklebesystem befestigt. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Befestigungsbügel aus Edelstahl AISI 316L, abgestuft, um eine präzise Einstellung der Emissionseinheit und eine Neigung von ca. 180º auf der vertikalen Achse zu gewährleisten. Der Befestigungsbügel ermöglicht eine Neigung von 30º auf der horizontalen Achse, so dass der Lichtstrahl nach Ihren Bedürfnissen ausgerichtet werden kann. Vervollständigt mit einem Neoprenkabel, um den Anschluss zu erleichtern. Die Serie wird durch optionale optische Visiere zur Abstufung des emittierten Lichtstrahls ergänzt.

Family of tiltable projection luminaires with LED source, designed for ceiling, wall and ground mounting with a metal nail that needs to be ordered separately. Available in three dimensions and two beam angles per dimension. Body and heat sink made of turned aluminum, alloy EN AW 6060. Diffuser in extraclear glass for the standard version and in amber glass for the Tunable White version, with silkscreen edge and fixed with a robotic gluing system. Available in different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. AISI 316L stainless steel fixing bracket, graduated to guarantee precision in the adjustment of the emission unit and a tilting of approx. 180º in the vertical axis. The fixing bracket allows also for a tilting of 30º on the horizontal axis, so the light beam can be directed according to your needs. With a neoprene cable section to ease the connection. The series is completed with optional optical visors to graduate the emitted light beam.

## Spock 1



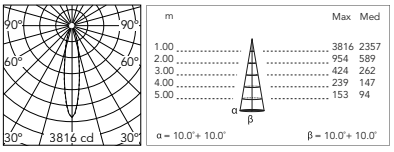

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 1000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. IP68-Anschlüsse optional erhältlich. Der Metallstift zur Bodenmontage muss separat bestellt werden. Optionales Zubehör, um den Lichtstrahl abzustufen. Dimmbare Version auf Anfrage erhältlich.

LED source included. Integrated electrical power supply 220-240V ON/OFF. Fixing bracket included. Equipped with a 1000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional IP68 connectors available. The metal nail for ground installation needs to be ordered separately. Optional accessories to regulate the light beam.
Dimmable version available upon request.

### Optic Spot 20°

**CoB Led:** 12W - 1005 lm ≠ OUTPUT 725 lm - 2700K/CRI 80 - 220-240V / 12W - 1081 lm ≠ OUTPUT 780 lm - 3000K/CRI 80 - 220-240V / 12W - 1124 lm ≠ OUTPUT 811 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA54102301 | ○ FA54100301 | ○ FA54100201 |
| ● FA54102306 | ● FA54100306 | ● FA54100206 |
| ● FA54102312 | ● FA54100312 | ● FA54100212 |
| ● FA54102318 | ● FA54100318 | ● FA54100218 |
| ● FA54102330 | ● FA54100330 | ● FA54100230 |
| ● FA54102333 | ● FA54100333 | ● FA54100233 |

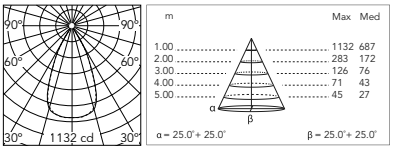



@ 4000K

### Optic Medium 50°

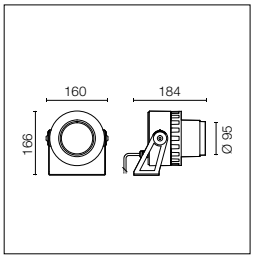
**CoB Led:** 12W - 1005 lm ≠ OUTPUT 697 lm - 2700K/CRI 80 - 220-240V / 12W - 1081 lm ≠ OUTPUT 749 lm - 3000K/CRI 80 - 220-240V / 12W - 1124 lm ≠ OUTPUT 778 lm - 4000K/CRI 80 - 220-240V

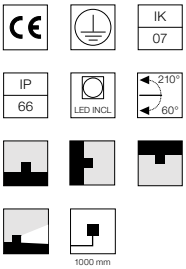
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA54102601 | ○ FA54100601 | ○ FA54100501 |
| ● FA54102606 | ● FA54100606 | ● FA54100506 |
| ● FA54102612 | ● FA54100612 | ● FA54100512 |
| ● FA54102618 | ● FA54100618 | ● FA54100518 |
| ● FA54102630 | ● FA54100630 | ● FA54100530 |
| ● FA54102633 | ● FA54100633 | ● FA54100533 |




@ 4000K

## Spock 2



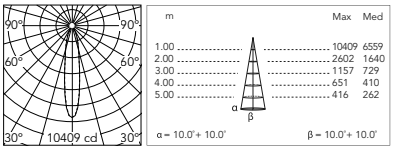

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 1000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. IP68-Anschlüsse optional erhältlich. Der Metallstift zur Bodenmontage muss separat bestellt werden. Optionales Zubehör, um den Lichtstrahl abzustufen. Dimmbare Version auf Anfrage erhältlich.

LED source included. Integrated electrical power supply 220-240V ON/OFF. Fixing bracket included. Equipped with a 1000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional IP68 connectors available. The metal nail for ground installation needs to be ordered separately. Optional accessories to regulate the light beam.
Dimmable version available upon request.

### Optic Spot 20°

**CoB Led:** 29W - 3022 lm ≠ OUTPUT 2141 lm - 2700K/CRI 80 - 220-240V / 29W - 3249 lm ≠ OUTPUT 2302 lm - 3000K/CRI 80 - 220-240V / 29W - 3408 lm ≠ OUTPUT 2415 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA54102801 | ○ FA54100801 | ○ FA54100701 |
| ● FA54102806 | ● FA54100806 | ● FA54100706 |
| ● FA54102812 | ● FA54100812 | ● FA54100712 |
| ● FA54102818 | ● FA54100818 | ● FA54100718 |
| ● FA54102830 | ● FA54100830 | ● FA54100730 |
| ● FA54102833 | ● FA54100833 | ● FA54100733 |

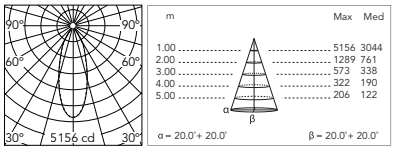



@ 4000K

### Optic Medium 40°

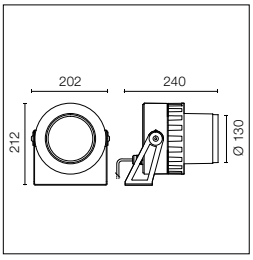
**CoB Led:** 29W - 3022 lm ≠ OUTPUT 2153 lm - 2700K/CRI 80 - 220-240V / 29W - 3249 lm ≠ OUTPUT 2315 lm - 3000K/CRI 80 - 220-240V / 29W - 3408 lm ≠ OUTPUT 2428 lm - 4000K/CRI 80 - 220-240V

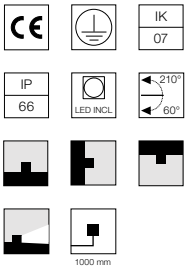
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA54103001 | ○ FA54101001 | ○ FA54100901 |
| ● FA54103006 | ● FA54101006 | ● FA54100906 |
| ● FA54103012 | ● FA54101012 | ● FA54100912 |
| ● FA54103018 | ● FA54101018 | ● FA54100918 |
| ● FA54103030 | ● FA54101030 | ● FA54100930 |
| ● FA54103033 | ● FA54101033 | ● FA54100933 |




@ 4000K

## Spock 3



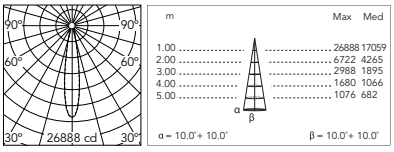

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 1000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. IP68-Anschlüsse optional erhältlich. Der Metallstift zur Bodenmontage muss separat bestellt werden. Optionales Zubehör, um den Lichtstrahl abzustufen. Dimmbare Version auf Anfrage erhältlich.

LED source included. Integrated electrical power supply 220-240V ON/OFF. Fixing bracket included. Equipped with a 1000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional IP68 connectors available. The metal nail for ground installation needs to be ordered separately. Optional accessories to regulate the light beam.
Dimmable version available upon request.

### Optic Spot 20°

**CoB Led:** 52W - 5408 lm ≠ OUTPUT 4059 lm - 2700K/CRI 80 - 220-240V / 52W - 5815 lm ≠ OUTPUT 4365 lm - 3000K/CRI 80 - 220-240V / 52W - 5963 lm ≠ OUTPUT 4477 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA54103201 | ○ FA54101201 | ○ FA54101101 |
| ● FA54103206 | ● FA54101206 | ● FA54101106 |
| ● FA54103212 | ● FA54101212 | ● FA54101112 |
| ● FA54103218 | ● FA54101218 | ● FA54101118 |
| ● FA54103230 | ● FA54101230 | ● FA54101130 |
| ● FA54103233 | ● FA54101233 | ● FA54101133 |

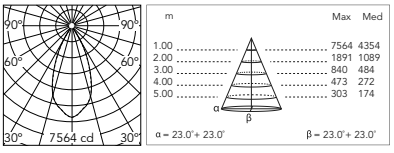



@ 4000K

### Optic Medium 45°

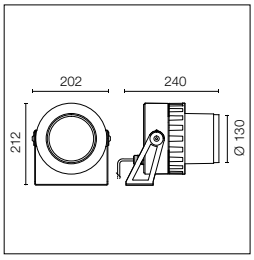
**CoB Led:** 52W - 5408 lm ≠ OUTPUT 3981 lm - 2700K/CRI 80 - 220-240V / 52W - 5815 lm ≠ OUTPUT 4281 lm - 3000K/CRI 80 - 220-240V / 52W - 5963 lm ≠ OUTPUT 4390 lm - 4000K/CRI 80 - 220-240V

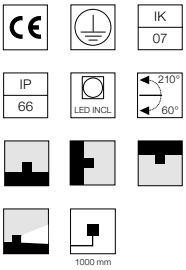
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA54103401 | ○ FA54101401 | ○ FA54101301 |
| ● FA54103406 | ● FA54101406 | ● FA54101306 |
| ● FA54103412 | ● FA54101412 | ● FA54101312 |
| ● FA54103418 | ● FA54101418 | ● FA54101318 |
| ● FA54103430 | ● FA54101430 | ● FA54101330 |
| ● FA54103433 | ● FA54101433 | ● FA54101333 |




@ 4000K

## Spock 3 Tunable White




Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 1000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. IP68-Anschlüsse optional erhältlich. Der Metallstift zur Bodenmontage muss separat bestellt werden. Optionales Zubehör, um den Lichtstrahl abzustufen. Dimmbare Version auf Anfrage erhältlich.

LED Tunable White source included. Integrated electrical power supply 120-240V DALI. Fixing bracket included. Equipped with a 1000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional IP68 connectors available. The metal nail for ground installation needs to be ordered separately. Optional accessories to regulate the light beam. Dimmable version available upon request.

**Optic Spot 20°**

**CoB Led Tunable White:** 38W - 2840 lm ≠ OUTPUT 2200 lm - 2700K ÷ 5700K/CRI>80 - 220-240V

**2700K**

- FA54110001
- FA54110006
- FA54110012
- FA54110018
- FA54110030
- FA54110033

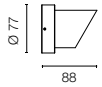
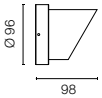
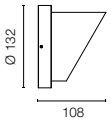
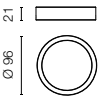
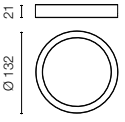
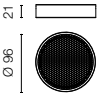
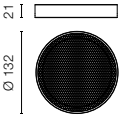
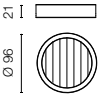
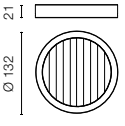
**Optic Medium 40°**

**CoB Led Tunable White:** 38W - 2840 lm ≠ OUTPUT 2250 lm - 2700K ÷ 5700K/CRI>80 - 220-240V

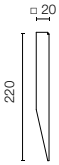
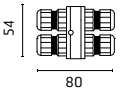
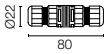
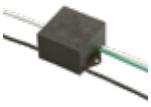
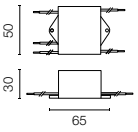
**2700K**

- FA54110201
- FA54110206
- FA54110212
- FA54110218
- FA54110230
- FA54110233

## Spock: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Visier Ø130 | Visor Ø130 | FA20530 | |   |
| Visier Ø130 | Visor Ø130 | FA20630 | |   |
| Visier Ø130 | Visor Ø130 | FA20730 | |   |
| Flood-Diffusor Ø75 | Flood diffuser Ø75 | FA20830 | | |
| Flood-Diffusor Ø95 | Flood diffuser Ø95 | FA20930 | |   |
| Flood-Diffusor Ø130 | Flood diffuser Ø130 | FA21030 | |   |
| Blendschutzraster Ø75 | Anti-glare louvre Ø75 | FA21130 | | |
| Blendschutzraster Ø95 | Anti-glare louvre Ø95 | FA21230 | |   |
| Blendschutzraster Ø130 | Anti-glare louvre Ø130 | FA21330 | |   |
| Elliptische Linse Ø75 | Elliptical lens Ø75 | FA26130 | | |
| Elliptische Linse Ø95 | Elliptical lens Ø95 | FA26230 | |   |
| Elliptische Linse Ø130 | Elliptical lens Ø130 | FA26330 | |   |

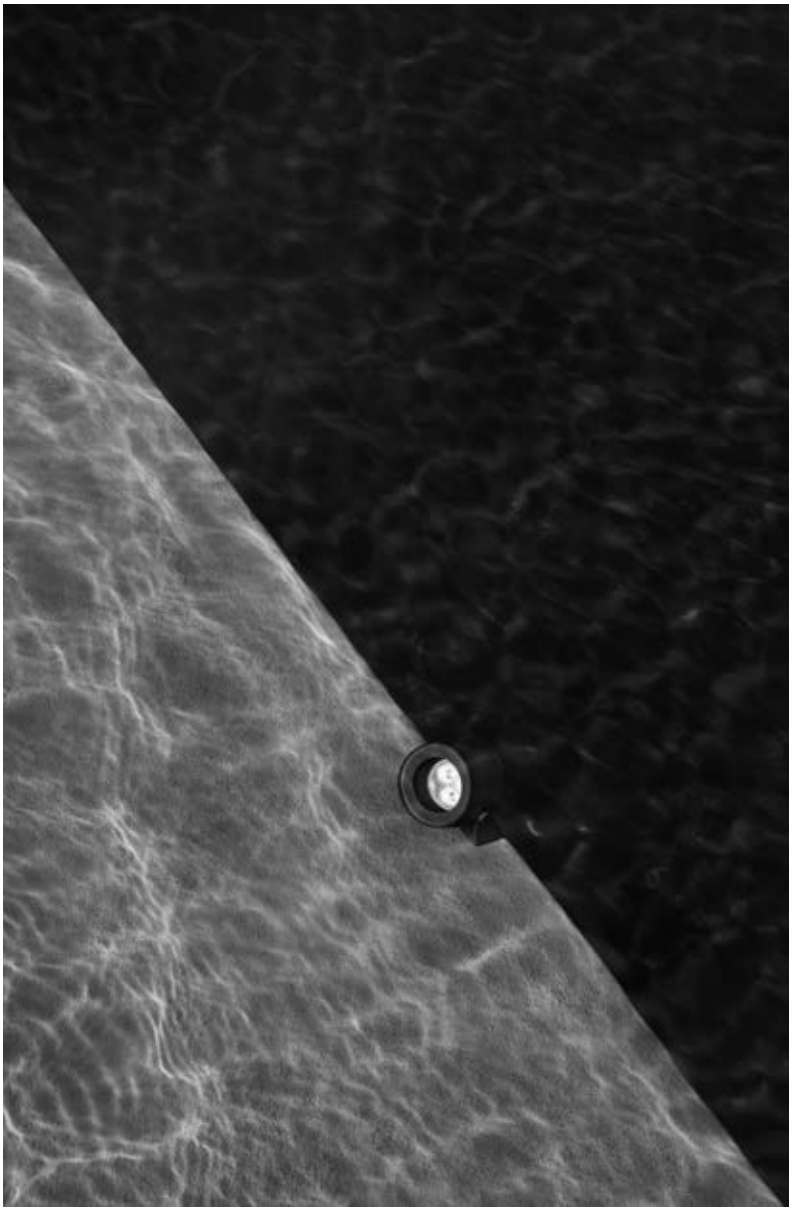
## Spock: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Kit mit 2 Erdspießen. | Kit of 2 ground spikes. | FA203 | |  |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C010000 | |  |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 2 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | F990C00A000 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |  |  |

## Aimer

Aimer 2 Pole

Aimer 1 Aqua



Aimer 1

## Aimer 1

**Power Led**
up to 1,1W@350mA / 1,6W@500mA
up to 98@350mA lm / 111@500mA lm - 2700K/CRI 80
up to 106@350mA lm / 121@500mA lm - 3000K/CRI 80
up to 110@350mA lm / 125@500mA lm - 4000K/CRI 80
* Net lumen output

## Aimer 1 RGB

**Power Led**
up to 3,4W
up to 3CH x 350mA
* Net lumen output

## Aimer 2

**Power Led**
up to 3,4W
up to 138 lm - 2700K/CRI 80
up to 149 lm - 3000K/CRI 80
up to 155 lm - 4000K/CRI 80
* Net lumen output

**Power Led**
up to 4,5W
up to 246 lm - 2700K/CRI 80
up to 267 lm - 3000K/CRI 80
up to 277 lm - 4000K/CRI 80
* Net lumen output

## Aimer 2 Pole

**Power Led**
up to 3,4W
up to 138 lm - 2700K/CRI 80
up to 149 lm - 3000K/CRI 80
up to 155 lm - 4000K/CRI 80
* Net lumen output

## Aimer 2 Wall

**Power Led**
up to 3,4W
up to 138 lm - 2700K/CRI 80
up to 149 lm - 3000K/CRI 80
up to 155 lm - 4000K/CRI 80
* Net lumen output

Aimer 3

**Power Led**
up to 4,5W
up to 359 lm - 2700K/CRI 80
up to 395 lm - 3000K/CRI 80
up to 410 lm - 4000K/CRI 80
* Net lumen output

**Power Led**
up to 3,3W@350mA / 5,1W@500mA
up to 364@350mA lm / 364@500mA lm - 2700K/CRI 80
up to 297@350mA lm / 395@500mA lm - 3000K/CRI 80
up to 308@350mA lm / 410@500mA lm - 4000K/CRI 80
* Net lumen output

Aimer 3 RGB

**Power Led**
up to 3,4W
up to 3CH x 350mA
* Net lumen output

Aimer 4

**Power Led**
up to 11,8W
up to 498 lm - 2700K/CRI 80
up to 535 lm - 3000K/CRI 80
up to 570 lm - 4000K/CRI 80
* Net lumen output

Aimer 5

**Power Led**
up to 17W
up to 747 lm - 2700K/CRI 80
up to 803 lm - 3000K/CRI 80
up to 855 lm - 4000K/CRI 80
* Net lumen output

Aimer 5 RGB

**Power Led**
up to 13,6W
up to 3CH x 350mA
* Net lumen output

**Familie / Family**

Aimer 1 Aqua

**Power Led**
up to 1,1W
up to 395 lm - 3000K/CRI 80
up to 410 lm - 4000K/CRI 80
* Net lumen output

Aimer 1 Aqua RGB

**Power Led**
up to 3,4W
up to 3CH x 350mA
* Net lumen output

Aimer 3 Aqua

**Power Led**
up to 4,5W
up to 267 lm - 3000K/CRI 80
up to 278 lm - 4000K/CRI 80
* Net lumen output

Aimer 3 Aqua RGB

**Power Led**
up to 3,4W
up to 3CH x 350mA
* Net lumen output

Aimer 4 Aqua

**Power Led**
up to 9W
up to 409 lm - 3000K/CRI 80
up to 435 lm - 4000K/CRI 80
* Net lumen output

Aimer 5 Aqua

**Power Led**
up to 14,7W
up to 680 lm - 3000K/CRI 80
up to 723 lm - 4000K/CRI 80
* Net lumen output

Aimer 5 Aqua RGB

**Power Led**
up to 13,6W
up to 3CH x 350mA

* Net lumen output

## Beschreibung / Description

Komplette Familie von neigbaren Projektionsleuchten mit LED-Quelle zur Wand-, Decken- und Bodenmontage. Sie zeichnen sich durch ihre kompakte zylindrische Form aus. Erhältlich in verschiedenen Dimensionen mit verschiedenen Abstrahlwinkeln. Ergänzt durch die RGB-Versionen, um farbige Lichtszenarien zu kreieren. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Die Befestigungsschrauben sind aus Edelstahl AISI 316L gefertigt.

### Aimer

Licht-Projektoren mit LED-Quelle, designt zur Decken-, Wand- und Bodenmontage mit einem Metallstift, das separat bestellt werden muss. Erhältlich in drei verschiedenen Durchmessern und verschiedenen Abstrahlwinkeln. Gedrehtes (EN AW 6060) und eloxiertes Aluminiumgehäuse. Transparenter oder mattierter Glas-Diffusor mit Siebdruckkante, am Rand mit einem Roboterklebesystem befestigt, um Wasseransammlung zu vermeiden. Inklusive Edelstahlbügel AISI 316L. Vervollständigt mit einem überstehenden Kabel, um den Anschluss zu erleichtern. Erhältlich in der 24 V Gleichstrom-Version (Parallelschaltung) oder 350/500 mA (Serienschaltung). Eine Fernstromversorgung ist nötig und muss separat bestellt werden. Die Serie wird durch optionale optische Visiere ergänzt, um die direkte Blendung zu reduzieren.

### Aqua Aimer

Licht-Projektoren mit LED-Quelle, designt zur Decken-, Wand- und Bodenmontage mit einem Metallstift, das separat bestellt werden muss. Erhältlich in drei verschiedenen Durchmessern und verschiedenen Abstrahlwinkeln. Gedrehtes (EN AW 6060) und eloxiertes Aluminiumgehäuse. Transparenter oder mattierter Glas-Diffusor mit Siebdruckkante, am Rand mit einem Roboterklebesystem befestigt, um Wasseransammlung zu vermeiden. Inklusive Edelstahlbügel AISI 316L. Vervollständigt mit einem überstehenden Kabel, um den Anschluss zu erleichtern. Erhältlich in der 24 V Gleichstrom-Version (Parallelschaltung) oder 350/500 mA (Serienschaltung). Eine Fernstromversorgung ist nötig und muss separat bestellt werden. Die Serie wird durch optionale optische Visiere ergänzt, um die direkte Blendung zu reduzieren.

Complete family of tiltable projection luminaires with LED source for wall, ceiling, and ground mounting. Defined by their compact cylinder shape. Available in different dimensions with different beam angles. Completed with the RGB versions to create sceneries with colored light. Available in different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. The fixing screws are made of stainless steel AISI 316L.

### Aimer

Light projectors designed for ceiling, wall and ground mounting with a metal nail that needs to be ordered separately. Available in three different diameters and different beam angles. Turned (EN AW 6060) and anodized aluminum body. Transparent or frosted glass diffuser with silkscreen edge, attached flush to the edge with a robotic gluing system to avoid water deposits. AISI 316L Stainless steel bracket included. With a protruding cable section to ease the connection. Available in 24V dc version (parallel connection) or 350/500 mA version (serial connection). A remote power supply is needed and must be ordered separately. The series is completed with optional optical visors to reduce direct dazzling.

### Aqua Aimer

Light projectors designed for ceiling, wall and ground mounting with a metal nail that needs to be ordered separately. Suitable for submersion to a depth of 1 meter (IP68 protection degree). Available in three different diameters and different beam angles. AISI 316L stainless steel body. Transparent or frosted glass diffuser with silkscreen edge, attached flush to the edge of the lamp with a robotic gluing system to avoid water deposits. AISI 316L Stainless steel bracket included. With a protruding cable section to ease the connection. Available in 24V version.

## Ausführungen / Colours


01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

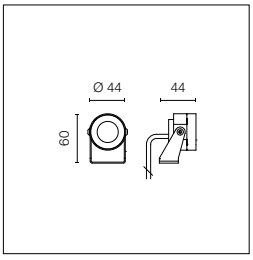
33 Anthracite

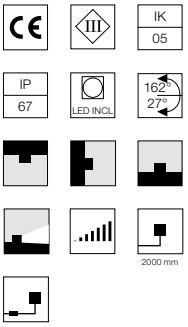
57 Polished Stainless Steel*

70 Anodized Aluminium

* Nur für die Version Aimer Aqua. / Only for Aimer Aqua version.

## Aimer 1 Constant Current



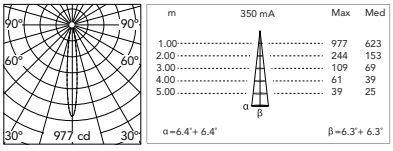

Inklusive LED-Quelle. Fernstromversorgung 350-240V ON/OFF und dimmbar 1-10V oder DALI. Muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Der Metallstift zur Bodenmontage muss separat bestellt werden. Extraklares transparentes Glas.

LED source included. Remote power supply 350/500 mA ON/OFF and dimmable 1-10V or DALI. Must be ordered separately. Serial connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Extraclear transparent glass.
The metal nail for ground installation needs to be ordered separately.

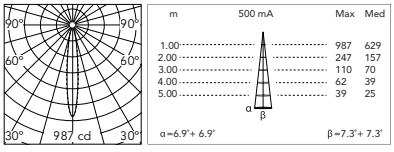
### Optic Spot 10°

**Power Led:** 1,1W@350mA - 110@350mA lm ≠ OUTPUT 98@350mA lm - 1,6W@500mA 144@500mA lm ≠ OUTPUT 111@500mA lm - 2700K/CRI 80
1,1W@350mA - 120@350mA lm ≠ OUTPUT 106@350mA lm - 1,6W@500mA 155@500mA lm ≠ OUTPUT 121@500mA lm - 3000K/CRI 80
1,1W@350mA - 124@350mA lm ≠ OUTPUT 110@350mA lm - 1,6W@500mA 161@500mA lm ≠ OUTPUT 125@500mA lm - 4000K/CRI 80

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1051442201.A | ○ FA1051441201.A | ○ FA1051711201.A |
| ● FA1051442206.A | ● FA1051441206.A | ● FA1051711206.A |
| ● FA1051442212.A | ● FA1051441212.A | ● FA1051711212.A |
| ● FA1051442218.A | ● FA1051441218.A | ● FA1051711218.A |
| ● FA1051442230.A | ● FA1051441230.A | ● FA1051711230.A |
| ● FA1051442233.A | ● FA1051441233.A | ● FA1051711233.A |
| ● FA1051442270.A | ● FA1051441270.A | ● FA1051711270.A |




@ 3000K

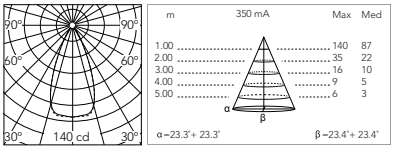



@ 3000K

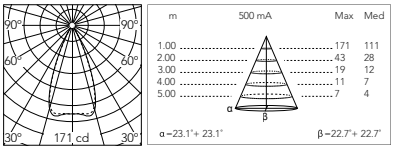
### Optic Medium 30°

**Power Led:** 1,1W@350mA - 110@350mA lm ≠ OUTPUT 91@350mA lm - 1,6W@500mA 144@500mA lm ≠ OUTPUT 102@500mA lm - 2700K/CRI 80
1,1W@350mA - 120@350mA lm ≠ OUTPUT 99@350mA lm - 1,6W@500mA 155@500mA lm ≠ OUTPUT 110@500mA lm - 3000K/CRI 80
1,1W@350mA - 124@350mA lm ≠ OUTPUT 103@350mA lm - 1,6W@500mA 161@500mA lm ≠ OUTPUT 114@500mA lm - 4000K/CRI 80

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1051442001.A | ○ FA1051440001.A | ○ FA1051710001.A |
| ● FA1051442006.A | ● FA1051440006.A | ● FA1051710006.A |
| ● FA1051442012.A | ● FA1051440012.A | ● FA1051710012.A |
| ● FA1051442018.A | ● FA1051440018.A | ● FA1051710018.A |
| ● FA1051442030.A | ● FA1051440030.A | ● FA1051710030.A |
| ● FA1051442033.A | ● FA1051440033.A | ● FA1051710033.A |
| ● FA1051442070.A | ● FA1051440070.A | ● FA1051710070.A |




@ 3000K




@ 3000K

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

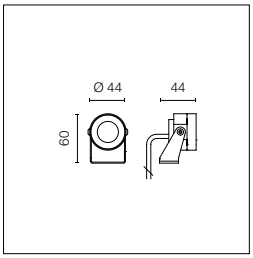
| | |
|---|---|
| Acc. RF25754 | 6 |
| Acc. RF25748 | 6 |
| Acc. FA68 | 10 |

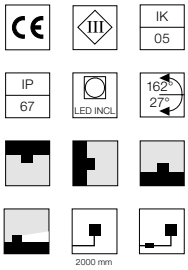
| | |
|---|---|
| Acc. FA129 | **16 |
| Acc. FA184 | **16 |
| Acc. FA135 | **12 |
| Acc. FA218 | **12 |
| Acc. FA238.A | **9 |
| Acc. FA239.A.A | **9 |

**Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

**The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.

## Aimer 1 RGB




Inklusive RGB LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Mattiertes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden.

**Kabeldiagramm und RGB-System-Installation.**

Maximal 10 Aimer RBG-LED-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr.5 Seite 782.

RGB LED source included. Remote electrical power supply with DMX 3chx350mA interface to be ordered separately. Serial connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Frosted glass.
The metal nail for ground installation needs to be ordered separately.

**Wiring diagram and installation scheme RGB.**

Max 10 luminaires Aimer 1 RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 782.

**RGB Power Led:** 3,4W - 3CH x 350mA

**RGB**

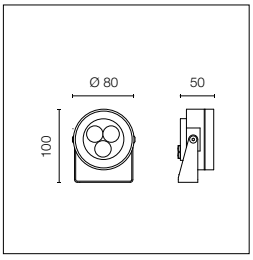
- ○ FA1051730001.A
- ● FA1051730006.A
- ● FA1051730012.A
- ● FA1051730018.A
- ● FA1051730030.A
- ● FA1051730033.A
- ● FA1051730070.A

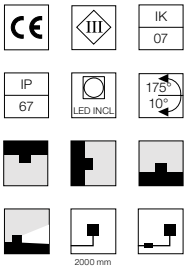
Photometric data on request.

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | | | | |
|---|---|---|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | Acc. F990B22A000 **10 | **Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8. | **The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards. |

## Aimer 3 Constant Voltage



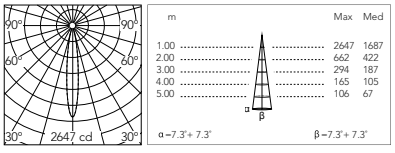

Inklusive LED-Quelle. Die 24 V Gleichstrom ON/ OFF Fernstromversorgung muss separat bestellt werden. Parallelschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Extraklares transparentes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Parallel connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included.
Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately.

### Optic Spot 10°

**Power Led:** 4,5W - 431 lm ≠ OUTPUT 359 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 466 lm ≠ OUTPUT 389 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 484 lm ≠ OUTPUT 404 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA105562201 | ○ FA105561201 | ○ FA1051721201 |
| ● FA105562206 | ● FA105561206 | ● FA1051721206 |
| ● FA105562212 | ● FA105561212 | ● FA1051721212 |
| ● FA105562218 | ● FA105561218 | ● FA1051721218 |
| ● FA105562230 | ● FA105561230 | ● FA1051721230 |
| ● FA105562233 | ● FA105561233 | ● FA1051721233 |
| ● FA105562270 | ● FA105561270 | ● FA1051721270 |

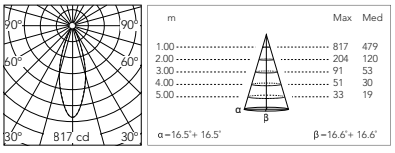



@ 3000K

### Optic Medium 30°

**Power Led:** 4,5W - 431 lm ≠ OUTPUT 364 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 466 lm ≠ OUTPUT 395 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 484 lm ≠ OUTPUT 410 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA105562101 | ○ FA105561101 | ○ FA1051721101 |
| ● FA105562106 | ● FA105561106 | ● FA1051721106 |
| ● FA105562112 | ● FA105561112 | ● FA1051721112 |
| ● FA105562118 | ● FA105561118 | ● FA1051721118 |
| ● FA105562130 | ● FA105561130 | ● FA1051721130 |
| ● FA105562133 | ● FA105561133 | ● FA1051721133 |
| ● FA105562170 | ● FA105561170 | ● FA1051721170 |

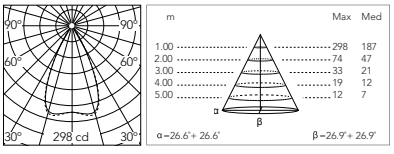



@ 3000K

### Optic Flood 50°

**Power Led:** 4,5W - 431 lm ≠ OUTPUT 329 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 466 lm ≠ OUTPUT 357 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 484 lm ≠ OUTPUT 371 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA105562001 | ○ FA105560001 | ○ FA1051720001 |
| ● FA105562006 | ● FA105560006 | ● FA1051720006 |
| ● FA105562012 | ● FA105560012 | ● FA1051720012 |
| ● FA105562018 | ● FA105560018 | ● FA1051720018 |
| ● FA105562030 | ● FA105560030 | ● FA1051720030 |
| ● FA105562033 | ● FA105560033 | ● FA1051720033 |
| ● FA105562070 | ● FA105560070 | ● FA1051720070 |




@ 3000K

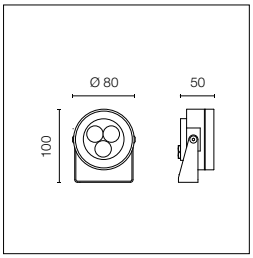
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

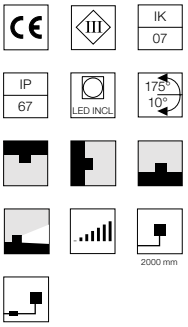
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF25752 | 3 |
| Acc. RF25748 | 1 | Acc. RF25755 | 7 |
| Acc. RF25747 | 2 | Acc. RF25749 | 14 |
| Acc. RF25757 | 2 | | |

## Aimer 3 Constant Current



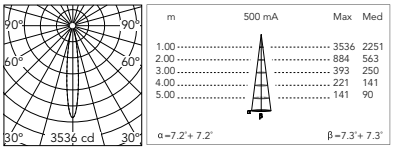

Inklusive LED-Quelle. Fernstromversorgung 350-240V ON/OFF und dimmbar 1-10V oder DALI. Muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Extraklares transparentes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden.

LED source included. Remote power supply 350/500 mA ON/OFF and dimmable 1-10V or DALI. Must be ordered separately. Serial connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Extraclear transparent glass.
The metal nail for ground installation needs to be ordered separately.

### Optic Spot 10°

**Power Led:** 3,3W@350mA - 331@350mA lm ≠ OUTPUT 270@350mA lm / 5,1W@500mA - 431@500mA lm ≠ OUTPUT 359@500mA lm - 2700K/CRI 80
3,3W@350mA - 359@350mA lm ≠ OUTPUT 293@350mA lm - 5,1W@500mA - 466@500mA lm ≠ OUTPUT 389@500mA lm - 3000K/CRI 80
3,3W@350mA - 373@350mA lm ≠ OUTPUT 304@350mA lm - 5,1W@500mA - 484@500mA lm ≠ OUTPUT 404@500mA lm - 4000K/CRI 80

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1051072201 | ○ FA1051071201 | ○ FA1051901201 |
| ● FA1051072206 | ● FA1051071206 | ● FA1051901206 |
| ● FA1051072212 | ● FA1051071212 | ● FA1051901212 |
| ● FA1051072218 | ● FA1051071218 | ● FA1051901218 |
| ● FA1051072230 | ● FA1051071230 | ● FA1051901230 |
| ● FA1051072233 | ● FA1051071233 | ● FA1051901233 |
| ● FA1051072270 | ● FA1051071270 | ● FA1051901270 |

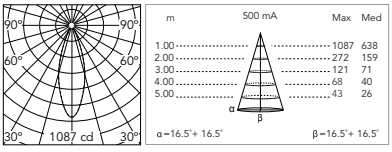



@ 3000K

### Optic Medium 30°

**Power Led:** 3,3W@350mA - 331@350mA lm ≠ OUTPUT 274@350mA lm / 5,1W@500mA - 431@500mA lm ≠ OUTPUT 364@500mA lm - 2700K/CRI 80
3,3W@350mA - 359@350mA lm ≠ OUTPUT 297@350mA lm - 5,1W@500mA - 466@500mA lm ≠ OUTPUT 395@500mA lm - 3000K/CRI 80
3,3W@350mA - 373@350mA lm ≠ OUTPUT 308@350mA lm - 5,1W@500mA - 484@500mA lm ≠ OUTPUT 410@500mA lm - 4000K/CRI 80

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1051072101 | ○ FA1051071101 | ○ FA1051901101 |
| ● FA1051072106 | ● FA1051071106 | ● FA1051901106 |
| ● FA1051072112 | ● FA1051071112 | ● FA1051901112 |
| ● FA1051072118 | ● FA1051071118 | ● FA1051901118 |
| ● FA1051072130 | ● FA1051071130 | ● FA1051901130 |
| ● FA1051072133 | ● FA1051071133 | ● FA1051901133 |
| ● FA1051072170 | ● FA1051071170 | ● FA1051901170 |

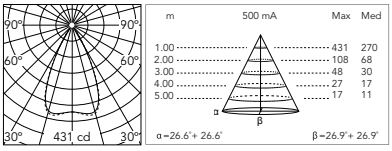



@ 3000K

### Optic Flood 50°

**Power Led:** 3,3W@350mA - 331@350mA lm ≠ OUTPUT 247@350mA lm / 5,1W@500mA - 431@500mA lm ≠ OUTPUT 329@500mA lm - 2700K/CRI 80
3,3W@350mA - 359@350mA lm ≠ OUTPUT 267@350mA lm - 5,1W@500mA - 466@500mA lm ≠ OUTPUT 357@500mA lm - 3000K/CRI 80
3,3W@350mA - 373@350mA lm ≠ OUTPUT 278@350mA lm - 5,1W@500mA - 484@500mA lm ≠ OUTPUT 371@500mA lm - 4000K/CRI 80

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1051072001 | ○ FA1051070001 | ○ FA1051900001 |
| ● FA1051072006 | ● FA1051070006 | ● FA1051900006 |
| ● FA1051072012 | ● FA1051070012 | ● FA1051900012 |
| ● FA1051072018 | ● FA1051070018 | ● FA1051900018 |
| ● FA1051072030 | ● FA1051070030 | ● FA1051900030 |
| ● FA1051072033 | ● FA1051070033 | ● FA1051900033 |
| ● FA1051072070 | ● FA1051070070 | ● FA1051900070 |




@ 3000K

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

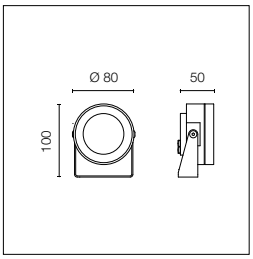
| | |
|---|---|
| Acc. RF25754 | 2 |
| Acc. RF25748 | 2 |
| Acc. FA68 | 3 |
| Acc. FA129 | **5 |
| Acc. FA184 | **5 |

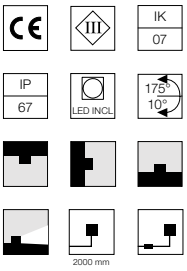
| | |
|---|---|
| Acc. FA135 | **2 |
| Acc. FA218 | **2 |
| Acc. FA238.A | **3 |
| Acc. FA239.A | **3 |

**Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

**The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.

## Aimer 3 RGB




Inklusive RGB LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Mattiertes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden.

**Kabeldiagramm und RGB-System-Installation.**

Maximal 10 Aimer 3 RBG-LED-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr.5 Seite 782.

RGB LED source included. Remote electrical power supply with DMX 3chx350mA interface to be ordered separately. Serial connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Frosted glass.
The metal nail for ground installation needs to be ordered separately.

**Wiring diagram and installation scheme RGB.**

Max 10 luminaires Aimer 3 RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 782.

**Optic Spot 10°**

**Power Led:** 3,4W - 3CH x 350mA

**RGB**

- FA1051741201
- FA1051741206
- FA1051741212
- FA1051741218
- FA1051741230
- FA1051741233
- FA1051741270

**Optic Medium 35°**

**Power Led:** 3,4W - 3CH x 350mA

**RGB**

- FA1051740001
- FA1051740006
- FA1051740012
- FA1051740018
- FA1051740030
- FA1051740033
- FA1051740070

Photometric data on request.

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

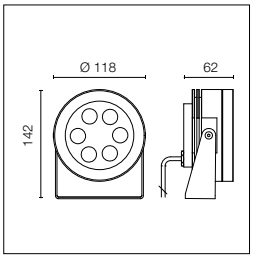
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

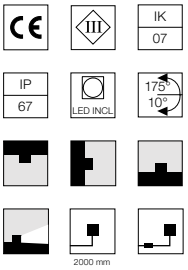
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. F990B22A000 **10

**Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

**The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.



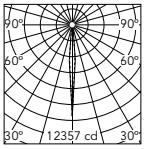

Inklusive LED-Quelle. Die 24 V Gleichstrom ON/ OFF Fernstromversorgung muss separat bestellt werden. Parallelschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Extraklares transparentes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden.

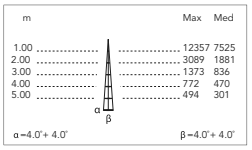
LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Parallel connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included.
Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately.

**Optic Spot 10°**

**Power Led:** 11,8W - 776 lm ≠ OUTPUT 498 lm - 2700K/CRI 80 - 24Vdc / 11,8W - 834 lm ≠ OUTPUT 535 lm - 3000K/CRI 80 - 24Vdc / 11,8W - 889 lm ≠ OUTPUT 570 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1052552201 | ○ FA1052551201 | ○ FA1052541201 |
| ● FA1052552206 | ● FA1052551206 | ● FA1052541206 |
| ● FA1052552212 | ● FA1052551212 | ● FA1052541212 |
| ● FA1052552218 | ● FA1052551218 | ● FA1052541218 |
| ● FA1052552230 | ● FA1052551230 | ● FA1052541230 |
| ● FA1052552233 | ● FA1052551233 | ● FA1052541233 |
| ● FA1052552270 | ● FA1052551270 | ● FA1052541270 |



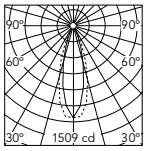



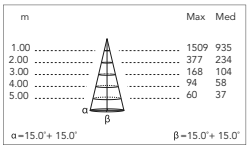

@ 4000K

**Optic Medium 30°**

**Power Led:** 11,8W - 776 lm ≠ OUTPUT 486 lm - 2700K/CRI 80 - 24Vdc / 11,8W - 834 lm ≠ OUTPUT 523 lm - 3000K/CRI 80 - 24Vdc / 11,8W - 889 lm ≠ OUTPUT 558 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1052552001 | ○ FA1052550001 | ○ FA1052540001 |
| ● FA1052552006 | ● FA1052550006 | ● FA1052540006 |
| ● FA1052552012 | ● FA1052550012 | ● FA1052540012 |
| ● FA1052552018 | ● FA1052550018 | ● FA1052540018 |
| ● FA1052552030 | ● FA1052550030 | ● FA1052540030 |
| ● FA1052552033 | ● FA1052550033 | ● FA1052540033 |
| ● FA1052552070 | ● FA1052550070 | ● FA1052540070 |




@ 4000K

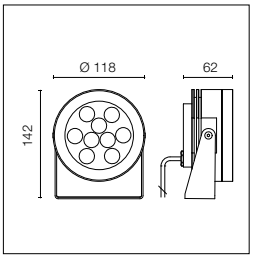
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

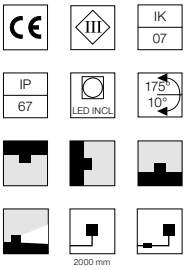
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | |
|---|---|
| Acc. RF25752 | 1 |
| Acc. RF25755 | 2 |
| Acc. RF25749 | 5 |

## Aimer 5 Constant Voltage



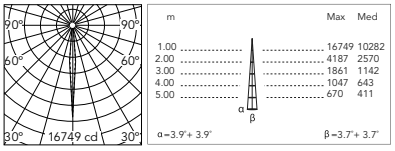

Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Parallelschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Extraklares transparentes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Parallel connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included.
Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately.

### Optic Spot 10°

**Power Led:** 17W - 1164 lm ≠ OUTPUT 747 lm - 2700K/CRI 80 - 24Vdc / 17W - 1252 lm ≠ OUTPUT 803 lm - 3000K/CRI 80 - 24Vdc / 17W - 1333 lm ≠ OUTPUT 855 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1052522201 | ○ FA1052521201 | ○ FA1052511201 |
| ● FA1052522206 | ● FA1052521206 | ● FA1052511206 |
| ● FA1052522212 | ● FA1052521212 | ● FA1052511212 |
| ● FA1052522218 | ● FA1052521218 | ● FA1052511218 |
| ● FA1052522230 | ● FA1052521230 | ● FA1052511230 |
| ● FA1052522233 | ● FA1052521233 | ● FA1052511233 |
| ● FA1052522270 | ● FA1052521270 | ● FA1052511270 |

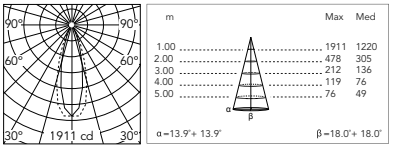



@ 3000K

### Optic Medium 30°

**Power Led:** 17W - 1164 lm ≠ OUTPUT 730 lm - 2700K/CRI 80 - 24Vdc / 17W - 1252 lm ≠ OUTPUT 785 lm - 3000K/CRI 80 - 24Vdc / 17W - 1333 lm ≠ OUTPUT 836 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA1052522001 | ○ FA1052520001 | ○ FA1052510001 |
| ● FA1052522006 | ● FA1052520006 | ● FA1052510006 |
| ● FA1052522012 | ● FA1052520012 | ● FA1052510012 |
| ● FA1052522018 | ● FA1052520018 | ● FA1052510018 |
| ● FA1052522030 | ● FA1052520030 | ● FA1052510030 |
| ● FA1052522033 | ● FA1052520033 | ● FA1052510033 |
| ● FA1052522070 | ● FA1052520070 | ● FA1052510070 |




@ 3000K

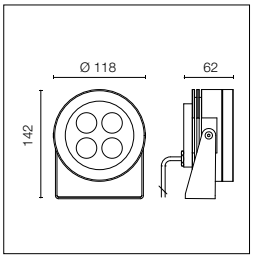
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

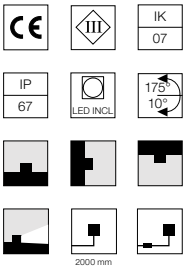
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | |
|---|---|
| Acc. RF25755 | 1 |
| Acc. RF25749 | 3 |

## Aimer 5 RGB




Inklusive RGB LED-Quelle. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Mattiertes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden.

**Kabeldiagramm und RGB-System-Installation.**

Maximal 2 Aimer 5 RBG-LED-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr.5 Seite 782.

RGB LED source included. Remote electrical power supply with DMX 3chx350mA interface to be ordered separately. Serial connection. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Frosted glass.
The metal nail for ground installation needs to be ordered separately.

**Wiring diagram and installation scheme RGB.**

Max 2 luminaires Aimer 5 RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 782.

**Optic Spot 10°**

**RGB Power Led:** 13,6W - 3CH x 350mA

**RGB**

- FA1052561201
- FA1052561206
- FA1052561212
- FA1052561218
- FA1052561230
- FA1052561233
- FA1052561270

**Optic Medium 35°**

**RGB Power Led:** 13,6W - 3CH x 350mA

**RGB**

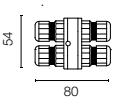
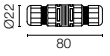
- FA1052560001
- FA1052560006
- FA1052560012
- FA1052560018
- FA1052560030
- FA1052560033
- FA1052560070

Photometric data on request.

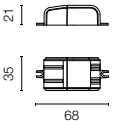
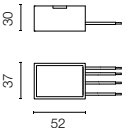
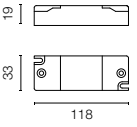
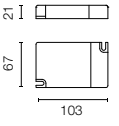
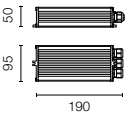
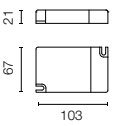
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | | | | |
|---|---|---|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | Acc. F990B22A000 **2 | **Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8. | **The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards. |

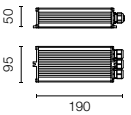
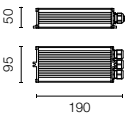
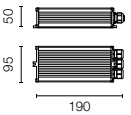
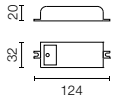
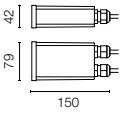
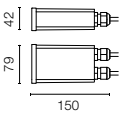
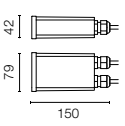
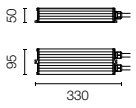
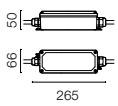
## Aimer: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Visier Aimer 1. | Visor Aimer 1. | Aimer 1<br>FA5230 | | |
| Visier Aimer 3. | Visor Aimer 3. | Aimer 3<br>FA5130 | | |
| Erdspieß. | Ground spike. | Aimer 1 / 3 / 4 / 5<br>FA136 | | |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | Aimer 3 / 4 / 5<br>F990C010000 | |  |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 2 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | Aimer 3 / 4 / 5<br>F990C00A000 | |  |

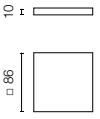
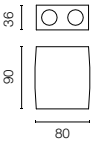
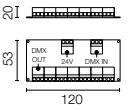
## Aimer: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq. | Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq. | Aimer 1 / 3<br>*RF25754 | |  |
| Netzgerät 24V 8W / 110-240V IP65 Klasse II selv. | Power supply 24V 8W / 110-240V IP65 Class II selv. | Aimer 1 / 3<br>*RF25748 | |  |
| Netzgerät 10 x 1W/ 100÷265V - Iout 350mA (7x1W/110V) IP40 Klasse II selv. Eq. | Power supply 10 x 1W/ 100÷265V - Iout 350mA (7x1W/110V) IP40 Class II Selv Eq. | Aimer 1 / 3<br>*FA68 | |  |
| Netzgerät 16 x 1W/ 110÷240V - Iout 350mA (12x1W@110V) IP20 Klasse II selv. Eq. | Power supply 16 x 1W/ 110÷240V - Iout 350mA (12x1W@110V) IP20 Class II Selv Eq. | Aimer 1 / 3<br>*FA129<br>Dimmable Push-Dim Or 1-10V<br>See Wiring Diagram n.3. Page 780 | |  |
| Netzgerät 16 x 1W/ 110÷240V - Iout 350mA (12x1W@110V) IP67 Klasse II selv. | Power supply 16 x 1W/ 110÷240V - Iout 350mA (12x1W@110V) IP67 Class II Selv. | Aimer 1 / 3<br>*FA184<br>Dimmable Push-Dim Or 1-10V<br>See Wiring Diagram n.3. Page 780 | |  |
| Netzgerät 13 x 2W/ 110÷240V - Iout 500mA (7x2W@110V) IP20 Klasse II selv. Eq. | Power supply 13 x 2W/ 110÷240V - Iout 500mA (7x2W@110V) IP20 Class II Selv. Eq. | Aimer 1 / 3<br>*FA135<br>Dimmable Push-Dim Or 1-10V<br>See Wiring Diagram n.3. Page 780 | |  |

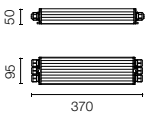
## Aimer: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Netzgerät 13 x 2W/ 110÷240V - Iout 500mA (7x2W@110V) IP67Klasse II selv. | Power supply 13 x 2W/ 110÷240V - Iout 500mA (7x2W@110V) IP67 Class II Selv. | Aimer 1 / 3<br>*FA218<br>Dimmable Push-Dim Or 1-10V<br>See Wiring Diagram n.3. Page 780 | |  |
| Netzgerät 18W/ 110÷240V - Iout 500mA (15W@110V) IP67 Klasse II selv.C. | Power supply 18W/ 110÷240V - Iout 500mA (15W@110V) IP67 Class II Selv. C. | Aimer 1 / 3<br>*FA238.A<br>Dimmable DALI<br>See Wiring Diagram n.3. Page 780 | |  |
| Netzgerät 24W/ 110÷240V - Iout 500mA (15W@110V) IP67 Klasse II selv. | Power supply 24W/ 110÷240V - Iout 500mA (15W@110V) IP67 Class II Selv. | Aimer 1 / 3<br>*FA239.A<br>Dimmable DALI<br>See Wiring Diagram n.3. Page 780 | |  |
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | Aimer 3<br>*RF25747 | |  |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | Aimer 3<br>*RF25757 | |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | Aimer 3 / 4 / 5<br>*RF25752 | |  |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | F990B23AZ00 | |  |
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | Aimer 3 / 4 / 5<br>*RF25755 | |  |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv. | Aimer 3 / 4 / 5<br>*RF25749 | |  |

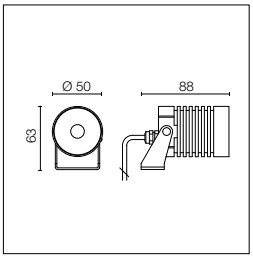
## Aimer RGB: Zubehörteile / Accessories

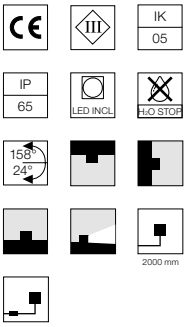
| | | | | |
|---|---|---|---|---|
| Visier Aimer 1. | Visor Aimer 1. | Aimer 1 RGB<br>FA5230 | | |
| Visier Aimer 3. | Visor Martina. | Aimer 3 RGB<br>FA5130 | | |
| Erdspieß. | Ground spike. | Aimer 1 / 3 / 4 / 5 RGB<br>FA136 | | |
| DMX-Controller; Dimmer-Schalter für Einbaudose. (60 mm Lochmitte). | DMX controller; dimmer switch for recessed box (60mm hole centres). | F990B10A000 | |  |
| DMX Controller; Stand-Alone/PC-Schnittstelle. | DMX controller; stand-alone/PC interface. | F990B11A000 | |  |
| DMX-Verteiler 512 - elektronisches Gerät zur Regenerierung des monodirektionalen DMX-Signal. 1 Eingang und 7 Ausgänge, 12-24 V Gleichstrom. Stromversorgung nicht enthalten. | DMX splitter 512 - electronic device to regenerate the monodirectional DMX signal 1 Input and 7 output, 12-24Vdc. | F990B13A000 | |  |
| Geschirmtes DMX-Kabel mit konstantem Widerstand (110 Ohm). | DMX cable - shielded twisted pair with 110 Ohm constant impedance. | F990B12A000 | | |

## Aimer RGB: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Stromversorgung mit Dmx-schnittstelle für RGB-Leuchten 36w/220÷240V-3ch x 350ma (3ch x 10 x1w) Dmx-Kontrolle erlaubt ip67 Klasse i Selv Eq. | Power supply with DMX interface for RGB fixtures 36W/220÷240v-3CH x 350mA (3CH x 10 x 1W) DMX control allowed IP67 Class I Selv Eq. | *F990B22A000 | |  |

## Aimer 2



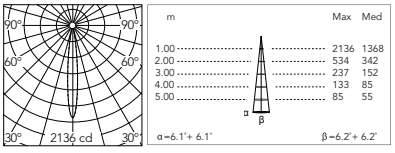

Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Der Metallstift zur Bodenmontage muss separat bestellt werden. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately. Dimmable version available upon request.

### Optic Spot 10°

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51308001 | ○ FA51300301 | ○ FA51300201 |
| ● FA51308006 | ● FA51300306 | ● FA51300206 |
| ● FA51308012 | ● FA51300312 | ● FA51300212 |
| ● FA51308018 | ● FA51300318 | ● FA51300218 |
| ● FA51308030 | ● FA51300330 | ● FA51300230 |
| ● FA51308033 | ● FA51300333 | ● FA51300233 |

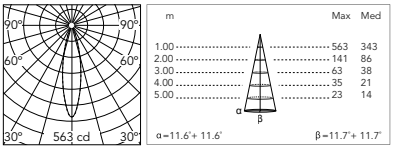



@3000K

### Optic Medium 30°

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51308201 | ○ FA51301301 | ○ FA51301201 |
| ● FA51308206 | ● FA51301306 | ● FA51301206 |
| ● FA51308212 | ● FA51301312 | ● FA51301212 |
| ● FA51308218 | ● FA51301318 | ● FA51301218 |
| ● FA51308230 | ● FA51301330 | ● FA51301230 |
| ● FA51308233 | ● FA51301333 | ● FA51301233 |




@3000K

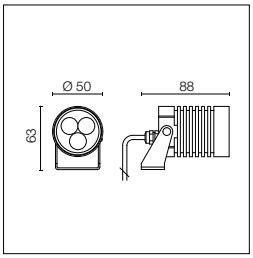
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

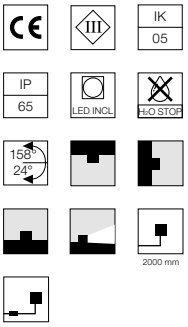
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF25752 | 3 |
| Acc. RF25748 | 1 | Acc. RF25755 | 9 |
| Acc. RF25747 | 2 | Acc. RF25749 | 17 |
| Acc. RF25757 | 2 | | |

## Aimer 2 HP



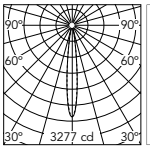

Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Der Metallstift zur Bodenmontage muss separat bestellt werden. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

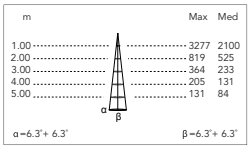
LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Equipped with a 2000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately. Dimmable version available upon request.

### Optic Spot 10°

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 246 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 267 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 277 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51308401 | ○ FA51302301 | ○ FA51302201 |
| ● FA51308406 | ● FA51302306 | ● FA51302206 |
| ● FA51308412 | ● FA51302312 | ● FA51302212 |
| ● FA51308418 | ● FA51302318 | ● FA51302218 |
| ● FA51308430 | ● FA51302330 | ● FA51302230 |
| ● FA51308433 | ● FA51302333 | ● FA51302233 |



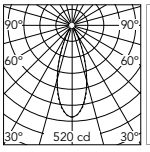



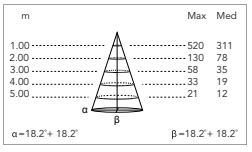

@3000K

### Optic Medium 30°

**Power Led:** 4,5W - 331 lm ≠ OUTPUT 218 lm - 2700K/CRI 80 - 24Vdc / 4,5W - 359 lm ≠ OUTPUT 236 lm - 3000K/CRI 80 - 24Vdc / 4,5W - 373 lm ≠ OUTPUT 245 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51308601 | ○ FA51303301 | ○ FA51303201 |
| ● FA51308606 | ● FA51303306 | ● FA51303206 |
| ● FA51308612 | ● FA51303312 | ● FA51303212 |
| ● FA51308618 | ● FA51303318 | ● FA51303218 |
| ● FA51308630 | ● FA51303330 | ● FA51303230 |
| ● FA51308633 | ● FA51303333 | ● FA51303233 |



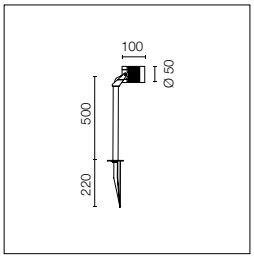



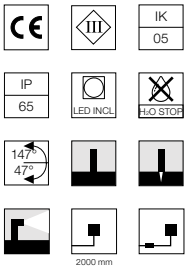

@3000K

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | | | | |
|---|---|---|---|---|---|
| | | Acc. RF25754 | 1 | Acc. RF25757 | 2 |
| | | Acc. RF25748 | 1 | Acc. RF25755 | 9 |
| | | Acc. RF25747 | 2 | Acc. RF25749 | 17 |

## Aimer 2 Pole 500



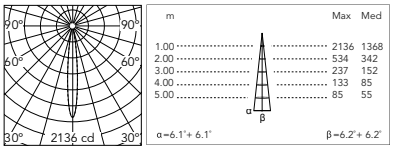

Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einer 2-poligen und 3-Wege Anschlussdose mit H2O-STOP-System, die die Dichtigkeit des Anschlusses garantieren. Inklusive Metallstift zur Bodenmontage. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Equipped with a 2000 mm protruding section of neoprene cable and a 2-pole and 3-way connection box with H2O STOP system that guarantee the tightness of the connection. Extraclear transparent glass.
Metal nail for ground installation included. Dimmable version available upon request.

### Optic Spot 10°

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51308801 | ○ FA51303601 | ○ FA51303501 |
| ● FA51308806 | ● FA51303606 | ● FA51303506 |
| ● FA51308812 | ● FA51303612 | ● FA51303512 |
| ● FA51308818 | ● FA51303618 | ● FA51303518 |
| ● FA51308830 | ● FA51303630 | ● FA51303530 |
| ● FA51308833 | ● FA51303633 | ● FA51303533 |

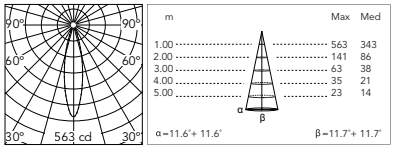



@3000K

### Optic Medium 30°

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51309001 | ○ FA51303901 | ○ FA51303801 |
| ● FA51309006 | ● FA51303906 | ● FA51303806 |
| ● FA51309012 | ● FA51303912 | ● FA51303812 |
| ● FA51309018 | ● FA51303918 | ● FA51303818 |
| ● FA51309030 | ● FA51303930 | ● FA51303830 |
| ● FA51309033 | ● FA51303933 | ● FA51303833 |



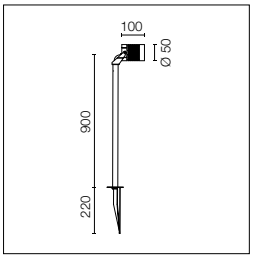

@3000K

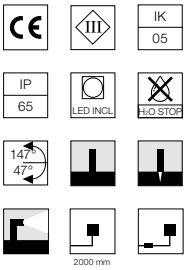
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF25757 | 2 |
| Acc. RF25748 | 1 | Acc. RF25752 | 3 |
| Acc. FA235 | 1 | Acc. RF25755 | 9 |
| Acc. RF25747 | 2 | Acc. RF25749 | 17 |



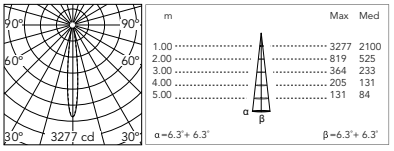

Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einer 2-poligen und 3-Wege Anschlussdose mit H2O-STOP-System, die die Dichtigkeit des Anschlusses garantieren. Inklusive Metallstift zur Bodenmontage. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Equipped with a 2000 mm protruding section of neoprene cable and a 2-pole and 3-way connection box with H2O STOP system that guarantee the tightness of the connection. Extraclear transparent glass.
Metal nail for ground installation included. Dimmable version available upon request.

**Optic Spot 10°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51309201 | ○ FA51304801 | ○ FA51304701 |
| ● FA51309206 | ● FA51304806 | ● FA51304706 |
| ● FA51309212 | ● FA51304812 | ● FA51304712 |
| ● FA51309218 | ● FA51304818 | ● FA51304718 |
| ● FA51309230 | ● FA51304830 | ● FA51304730 |
| ● FA51309233 | ● FA51304833 | ● FA51304733 |

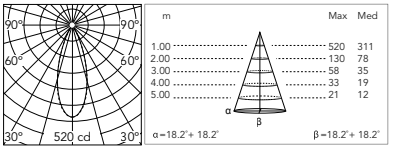



@3000K

**Optic Medium 30°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51309401 | ○ FA51305101 | ○ FA51305001 |
| ● FA51309406 | ● FA51305106 | ● FA51305006 |
| ● FA51309412 | ● FA51305112 | ● FA51305012 |
| ● FA51309418 | ● FA51305118 | ● FA51305018 |
| ● FA51309430 | ● FA51305130 | ● FA51305030 |
| ● FA51309433 | ● FA51305133 | ● FA51305033 |

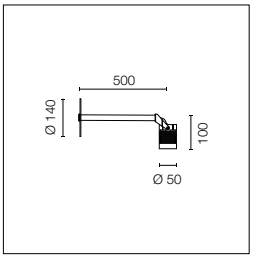


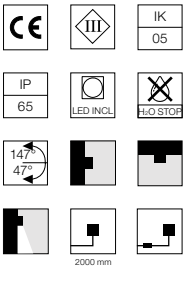

@3000K

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | | | | | |
|---|---|---|---|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | Acc. RF25754 | 1 | Acc. RF25757 | 2 |
| | | Acc. RF25748 | 1 | Acc. RF25752 | 3 |
| | | Acc. FA235 | 1 | Acc. RF25755 | 9 |
| | | Acc. RF25747 | 2 | Acc. RF25749 | 17 |

## Aimer 2 Wall 500



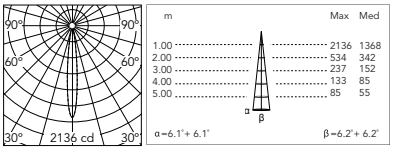

Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einer 2-poligen und 3-Wege Anschlussdose mit H2O-STOP-System, die die Dichtigkeit des Anschlusses garantieren. Inklusive Metallstift zur Bodenmontage. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Equipped with a 2000 mm protruding section of neoprene cable and a 2-pole and 3-way connection box with H2O STOP system that guarantee the tightness of the connection. Extraclear transparent glass.
Metal nail for ground installation included. Dimmable version available upon request.

### Optic Spot 10°

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51309601 | ○ FA51306001 | ○ FA51305901 |
| ● FA51309606 | ● FA51306006 | ● FA51305906 |
| ● FA51309612 | ● FA51306012 | ● FA51305912 |
| ● FA51309618 | ● FA51306018 | ● FA51305918 |
| ● FA51309630 | ● FA51306030 | ● FA51305930 |
| ● FA51309633 | ● FA51306033 | ● FA51305933 |

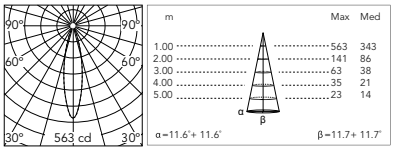



@3000K

### Optic Medium 30°

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51309801 | ○ FA51306301 | ○ FA51306201 |
| ● FA51309806 | ● FA51306306 | ● FA51306206 |
| ● FA51309812 | ● FA51306312 | ● FA51306212 |
| ● FA51309818 | ● FA51306318 | ● FA51306218 |
| ● FA51309830 | ● FA51306330 | ● FA51306230 |
| ● FA51309833 | ● FA51306333 | ● FA51306233 |




@3000K

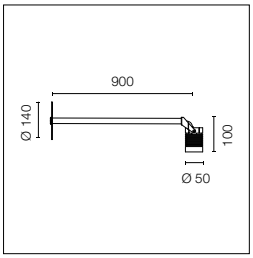
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

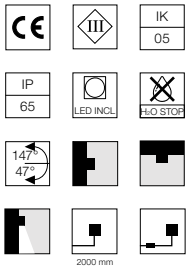
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF25755 | 9 |
| Acc. RF25748 | 1 | Acc. RF25749 | 17 |
| Acc. RF25752 | 3 | | |

## Aimer 2 Wall 900



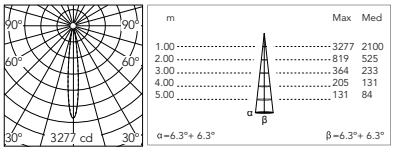

Inklusive LED-Quelle. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Ausgestattet mit einem 2000 mm überstehenden Neoprenkabel und einer 2-poligen und 3-Wege Anschlussdose mit H2O-STOP-System, die die Dichtigkeit des Anschlusses garantieren. Inklusive Metallstift zur Bodenmontage. Extraklares transparentes Glas. Dimmbare Version auf Anfrage erhältlich.

LED source included. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Equipped with a 2000 mm protruding section of neoprene cable and a 2-pole and 3-way connection box with H2O STOP system that guarantee the tightness of the connection. Extraclear transparent glass.
Metal nail for ground installation included. Dimmable version available upon request.

**Optic Spot 10°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 138 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 149 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 155 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51310001 | ○ FA51306601 | ○ FA51306501 |
| ● FA51310006 | ● FA51306606 | ● FA51306506 |
| ● FA51310012 | ● FA51306612 | ● FA51306512 |
| ● FA51310018 | ● FA51306618 | ● FA51306518 |
| ● FA51310030 | ● FA51306630 | ● FA51306530 |
| ● FA51310033 | ● FA51306633 | ● FA51306533 |

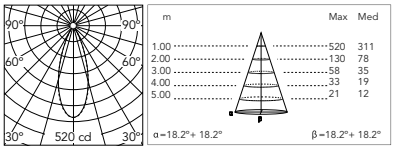



@3000K

**Optic Medium 30°**

**Power Led:** 3,4W - 199 lm ≠ OUTPUT 121 lm - 2700K/CRI 80 - 24Vdc / 3,4W - 215 lm ≠ OUTPUT 131 lm - 3000K/CRI 80 - 24Vdc / 3,4W - 224 lm ≠ OUTPUT 136 lm - 4000K/CRI 80 - 24Vdc

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA51310201 | ○ FA51306901 | ○ FA51306801 |
| ● FA51310206 | ● FA51306906 | ● FA51306806 |
| ● FA51310212 | ● FA51306912 | ● FA51306812 |
| ● FA51310218 | ● FA51306918 | ● FA51306818 |
| ● FA51310230 | ● FA51306930 | ● FA51306830 |
| ● FA51310233 | ● FA51306933 | ● FA51306833 |




@3000K

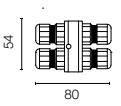
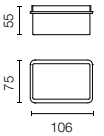
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

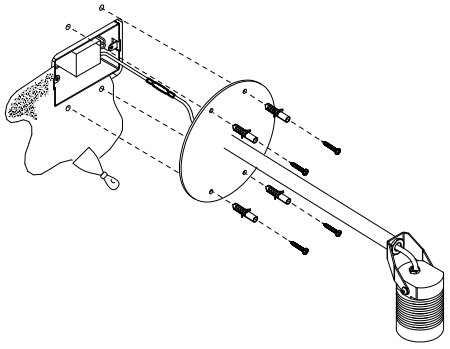
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25754 | 1 | Acc. RF25755 | 9 |
| Acc. RF25748 | 1 | Acc. RF25749 | 17 |
| Acc. RF25752 | 3 | | |

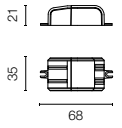
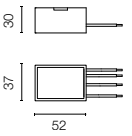
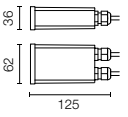
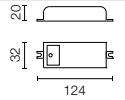
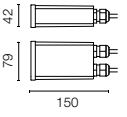
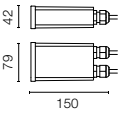
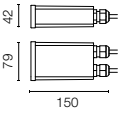
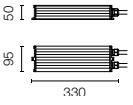
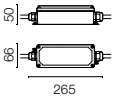
## Aimer 2: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Erdspieß. | Ground spike. | **Spot / Pole**<br>FA136 | | |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | **Pole**<br>F990C010000 | |  |
| Eingebaute 3-Modul-Anschlussdose (Modell 503). | Recessed 3-module junction box (model 503). | **Wall**<br>F990H010000 | |  |

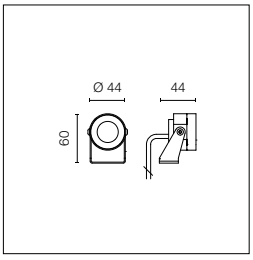
**Aimer 2 Wall Bracket with box cod. F990H010000**

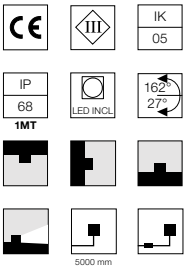


## Aimer 2: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Stromversorgung Doppelfunktion Vout 24V Gleichstrom: 8 W/100÷240 V Iout 350 ma: 6x1 W/100÷240 V IP20 Klasse II Selv Eq. | Power supply dual function Vout 24Vdc: 8W/100÷240V Iout 350ma: 6x1W/100÷240V IP20 Class II Selv Eq. | *RF25754 | |   |
| Netzgerät 24V 8W / 110-240V IP65 Klasse II selv. | Power supply 24V 8W / 110-240V IP65 Class II selv. | *RF25748 | |   |
| Netzgerät 8W/110÷240V - 24Vdc IP67 Klasse II selv. Eq. | Power supply 8W/110÷240V - 24Vdc IP67 Class II selv. Eq. | **Pole** *FA235 | |   |
| Netzgerät 24V 10W / 110-240V IP20 Klasse II selv. | Power supply 24V 10W /110-240V IP20 Class II selv. | **Spot / Pole** *RF25747 | |   |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | **Spot / Pole** *RF25757 | |   |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | **Pole / Wall** *RF25752 | |   |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | F990B23AZ00 | |   |
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | *RF25755 | |   |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | stallation 24Vdc 70W / 220-240V IP67 Class II selv. | *RF25749 | |   |

## Aimer 1 Aqua




LED-Quelle. Edelstahlgehäuse und -bügel 316L, geeignet zum Versenken. Fernstromversorgung 350 mA ON/OFF und dimmbar 1-10V oder DALI. Muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 5000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit d Extraklares transparentes Glas. es Anschlusses garantieren. Der Metallstift zur Bodenmontage muss separat bestellt werden. 2700K- und 3000K-Modelle auf Anfrage erhältlich.

LED source. 316L stainless steel body and bracket, suitable for submersion. Remote power supply 350 mA ON/OFF and dimmable 1-10V or DALI. Must be ordered separately. Serial connection. Equipped with a 5000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately. 2700K and 3000K models available upon request.

**Optic Medium 30°**

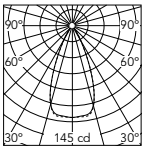
**Power Led:** 1,1W - LED 120 lm ≠ OUTPUT 99 lm - 3000K/CRI 80 - 350 mA / 1,1W - 124 lm ≠ OUTPUT 103 lm - 4000K/CRI 80 - 350 mA

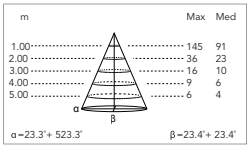
**3000K**

- FA10517114557.A

**4000K**

- FA10517114357.A




@ 4000K

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

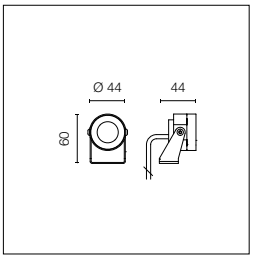
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

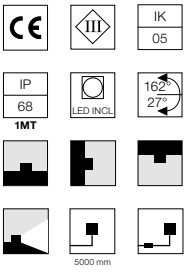
| | |
|---|---|
| Acc. RF25748 | 6 |
| Acc. FA184 | **16 |
| Acc. FA238.A | **9 |

**Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

**The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.

## Aimer 1 Aqua RGB




Inklusive RGB LED-Quelle. Edelstahlgehäuse und -bügel 316L, geeignet zum Versenken. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 5000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Mattiertes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden.

**Kabeldiagramm und RGB-System-Installation.**

Maximal 10 Aimer 1 Aqua RBG-LED-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr.5 Seite 782.

RGB LED source included. 316L stainless steel body and bracket, suitable for submersion. Remote electrical power supply with DMX 3CHx350mA interface to be ordered separately. Serial connection. Equipped with a 5000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Frosted glass. Fixing bracket included. The metal nail for ground installation needs to be ordered separately.

**Wiring diagram and installation scheme RGB.**

Max 10 luminaires Aimer 1 Aqua RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 782.

**RGB Power Led:** 3,4W - 3CH x 350mA

**RGB**

- FA10517314357.A

Photometric data on request.

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

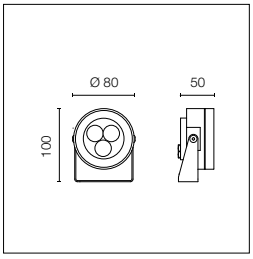
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

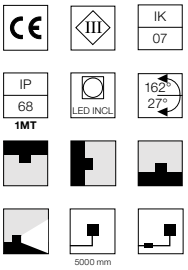
| | |
|---|---|
| Acc. F990B22A000 | **10 |

**Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

**The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.

## Aimer 3 Aqua




Inklusive LED-Quelle. Edelstahlgehäuse und -bügel 316L, geeignet zum Versenken. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Parallelschaltung. Ausgestattet mit einem 5000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Extraklares transparentes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden. 2700K- und 3000K-Modelle auf Anfrage erhältlich.

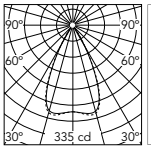
LED source included. 316L stainless steel body and bracket, suitable for submersion. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Parallel connection. Equipped with a 5000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately. 2700K and 3000K models available upon request.

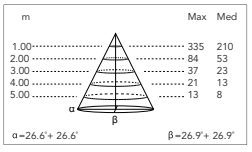
**Optic Medium 50°**

**Power Led:** 3,3W - 359 lm ≠ OUTPUT 267 lm - 3000K/CRI 80 - 24Vdc / 3,3W - 373 lm ≠ OUTPUT 278 lm - 4000K/CRI 80 - 24Vdc

**3000K**
- FA10517214657

**4000K**
- FA10517214457




@ 4000K

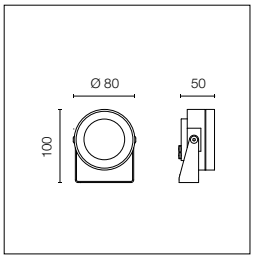
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

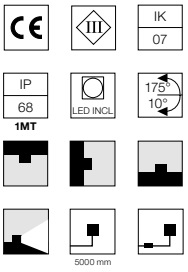
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

| | | | |
|---|---|---|---|
| Acc. RF25748 | 1 | Acc. RF25755 | 7 |
| Acc. RF25757 | 2 | Acc. RF25749 | 14 |
| Acc. RF25752 | 3 | | |

## Aimer 3 Aqua RGB




Inklusive RGB LED-Quelle. Edelstahlgehäuse und -bügel 316L, geeignet zum Versenken. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 5000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Mattiertes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden.

RGB LED source included. 316L stainless steel body and bracket, suitable for submersion. Remote electrical power supply with DMX 3CHx350mA interface to be ordered separately. Serial connection. Equipped with a 5000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Frosted glass. Fixing bracket included. The metal nail for ground installation needs to be ordered separately.

**Kabeldiagramm und RGB-System-Installation.**

Maximal 10 Aimer 3 Aqua RBG-LED-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr.5 Seite 782.

**Wiring diagram and installation scheme RGB.**

Max 10 luminaires Aimer 3 Aqua RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 782.

**Optic Medium 35°**

**RGB Power Led:** 3,4W - 3CH x 350mA

**RGB**
- FA10517414457

Photometric data on request.

* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

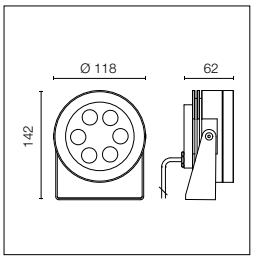
Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

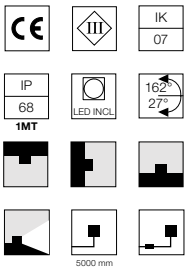
Acc. F990B22A000 **10

**Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8.

**The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.

## Aimer 4 Aqua




Inklusive LED-Quelle. Edelstahlgehäuse und -bügel 316L, geeignet zum Versenken. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Parallelschaltung. Ausgestattet mit einem 5000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Extraklares transparentes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden. 2700K- und 3000K-Modelle auf Anfrage erhältlich.

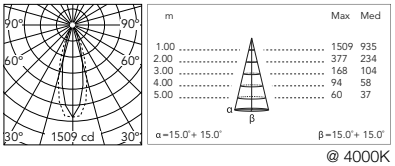
LED source included. 316L stainless steel body and bracket, suitable for submersion. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Parallel connection. Equipped with a 5000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately. 2700K and 3000K models available upon request.

**Optic Medium 30°**

**Power Led:** 9W - 646 lm ≠ OUTPUT 409 lm - 3000K/CRI 80 - 24Vdc / 9W - 687 lm ≠ OUTPUT 435 lm - 4000K/CRI 80 - 24Vdc

**3000K**
- FA10526614757

**4000K**
- FA10526614557




@ 4000K

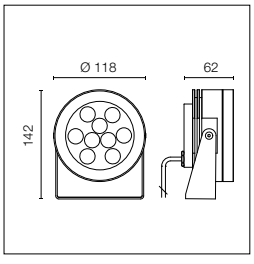
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

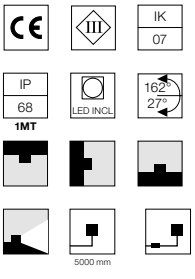
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25755 3
Acc. RF25749 6

## Aimer 5 Aqua




Inklusive LED-Quelle. Edelstahlgehäuse und -bügel 316L, geeignet zum Versenken. Die 24 V Gleichstrom ON/OFF Fernstromversorgung muss separat bestellt werden. Parallelschaltung. Ausgestattet mit einem 5000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Extraklares transparentes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden. 2700K- und 3000K-Modelle auf Anfrage erhältlich.

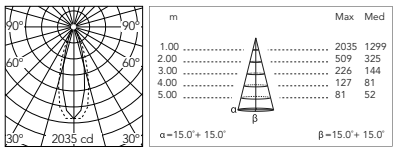
LED source included. 316L stainless steel body and bracket, suitable for submersion. Remote electrical power supply 24V dc ON/OFF to be ordered separately. Parallel connection. Equipped with a 5000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Fixing bracket included. Extraclear transparent glass. The metal nail for ground installation needs to be ordered separately. 2700K and 3000K models available upon request.

**Optic Medium 30°**

**Power Led:** 14,7W - 969 lm ≠ OUTPUT 680 lm - 3000K/CRI 80 - 24Vdc / 14,7W - 1031 lm ≠ OUTPUT 723 lm - 4000K/CRI 80 - 24Vdc

**3000K**
- FA10521114757

**4000K**
- FA10521114557




@ 4000K

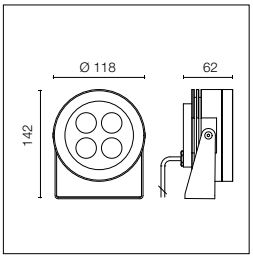
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

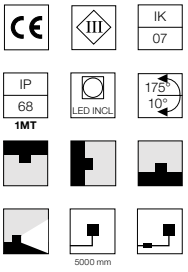
Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden.

Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions.

Acc. RF25755 3
Acc. RF25749 7
Acc. FA184 1

## Aimer 5 Aqua RGB




Inklusive RGB LED-Quelle. Edelstahlgehäuse und -bügel 316L, geeignet zum Versenken. Die Fernstromversorgung mit DMX-3chx350mA-Schnittstelle muss separat bestellt werden. Serienschaltung. Ausgestattet mit einem 5000 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Inklusive Befestigungsbügel. Mattiertes Glas. Der Metallstift zur Bodenmontage muss separat bestellt werden.

**Kabeldiagramm und RGB-System-Installation.**

Maximal 2 Aimer 5 Aqua RBG-LED-Leuchten für jeden F990B22A000 Code.

Siehe Kabeldiagramm Nr.5 Seite 782.

RGB LED source included. 316L stainless steel body and bracket, suitable for submersion. Remote electrical power supply with DMX 3CHx350mA interface to be ordered separately. Serial connection. Equipped with a 5000 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Frosted glass. Fixing bracket included. The metal nail for ground installation needs to be ordered separately.

**Wiring diagram and installation scheme RGB.**

Max 2 luminaires Aimer 5 Aqua RGB for each code F990B22A000.

See Wiring Diagram n.5 Page 782.

**Optic Medium 50°**

**RGB Power Led:** 13,6W - 3CH x 350mA

**RGB**

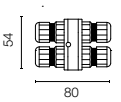
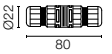
- FA10525614557

Photometric data on request.

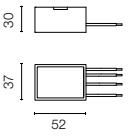
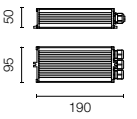
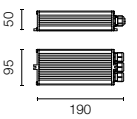
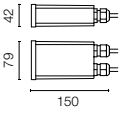
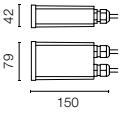
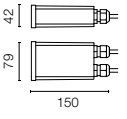
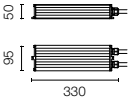
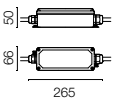
* Maximale Leuchten pro Stromversorgung / Maximum number of luminaires per power supply.

| | | | | |
|---|---|---|---|---|
| Maximale Leuchten pro Stromversorgung (220÷ 240 V). Diese Angaben müssen unter Berücksichtigung der spezifischen Installationsbedingungen überprüft werden. | Maximum number of luminaires per power supply. (220÷240 V). These data must be checked taking into account the specific installation conditions. | Acc. *F990B22A000 **2 | **Die Spannung an den Enden des Systems hängt von der Anzahl der in Reihe geschalteten Leuchten ab. Bitte beachten Sie die Norm CEI 64-8. | **The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards. |

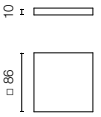
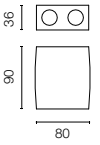
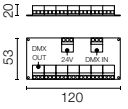
## Aimer Aquar: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Erdspieß. | Ground spike. | Aqua Aimer 1 / 3 / 4 / 5<br>FA136 | | |
| Verbindungssystem, IP68, 3/4-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 3/4 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | Aqua Aimer 3 / 4 / 5<br>F990C010000 | |  |
| Verbindungssystem, IP68, 2-Wege-H2O-Antikondensat, 4-polig, (ø5,5÷12mm Kabel). | 2 way terminal block 4 poles IP68 H2O Stop. (ø5,5÷12mm cable). | Aqua Aimer 3 / 4 / 5<br>F990C00A000 | |  |

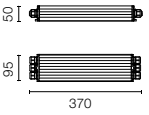
## Aimer Aqua: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Netzgerät 24V 8W / 110-240V IP65 Klasse II selv. | Power supply 24V 8W / 110-240V IP65 Class II selv. | Aqua Aimer 1 / 3<br>*RF25748 | |  |
| Netzgerät 16 x 1W/ 110÷240V - Iout 350mA (12x1W@110V) IP67 Klasse II selv. | Power supply 16 x 1W/ 110÷240V - Iout 350mA (12x1W@110V) IP67 Class II Selv. | Aqua Aimer 1 / 5<br>*FA184<br>Dimmable Push-Dim Or 1-10V<br>See Wiring Diagram n.3. Page 780 | |  |
| Netzgerät 18W/ 110÷240V - Iout 350mA (15W@110V) IP67 Klasse II selv.C. | Power supply 18W/ 110÷240V - Iout 350mA (15W@110V) IP67 Class II Selv. C. | Aqua Aimer 1 / 3<br>*FA238.A<br>Dimmable DALI<br>See Wiring Diagram n.3. Page 780 | |  |
| Netzgerät 24V 10W / 110-240V IP67 Klasse II selv. | Power supply 24V 10W / 110-240V IP67 Class II selv. | Aqua Aimer 3 / 4 / 5<br>*RF25757 | |  |
| Netzgerät für den Ferneinbau 24Vdc 20W / 220- 240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 20W / 220-240V IP67 Class II selv. | Aqua Aimer 3 / 4 / 5<br>*RF25752 | |  |
| Netzgerät 24Vdc 35W / 120-270V IP67 Klasse II selv. | Power supply 24Vdc 35W / 120-270V IP67 Class II selv. | F990B23AZ00 | |  |
| Netzgerät für den Ferneinbau 24Vdc 50W / 120-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 50W / 120-240V IP67 Class II selv. | Aqua Aimer 3 / 4 / 5<br>*RF25755 | |  |
| Netzgerät für den Ferneinbau 24Vdc 70W / 220-240V IP67 Klasse II selv. | Power supply for remote installation 24Vdc 70W / 220-240V IP67 Class II selv. | Aqua Aimer 3 / 4 / 5<br>*RF25749 | |  |

## Aimer Aqua RGB: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Erdspieß. | Ground spike. | Aqua Aimer 1 / 3 / 4 / 5 RGB<br>FA136 | | |
| DMX-Controller; Dimmer-Schalter für Einbaudose. (60 mm Lochmitte). | DMX controller; dimmer switch for recessed box (60mm hole centres). | F990B10A000 | |  |
| DMX Controller; Stand-Alone/PC-Schnittstelle. | DMX controller; stand-alone/PC interface. | F990B11A000 | |  |
| DMX-Verteiler 512 - elektronisches Gerät zur Regenerierung des monodirektionalen DMX-Signal. 1 Eingang und 7 Ausgänge, 12-24 V Gleichstrom. Stromversorgung nicht enthalten. | DMX splitter 512 - electronic device to regenerate the monodirectional DMX signal 1 Input and 7 output, 12-24Vdc. | F990B13A000 | |  |
| Geschirmtes DMX-Kabel mit konstantem Widerstand (110 Ohm). | DMX cable - shielded twisted pair with 110 Ohm constant impedance. | F990B12A000 | | |

## Aimer Aquar RGB: Treiber / Drivers

| | | | | |
|---|---|---|---|---|
| Stromversorgung mit Dmx-schnittstelle für RGB-Leuchten 36w/220÷240V-3ch x 350ma (3ch x 10 x1w) Dmx-Kontrolle erlaubt ip67 Klasse i Selv Eq. | Power supply with DMX interface for RGB fixtures 36W/220÷240v-3CH x 350mA (3CH x 10 x 1W) DMX control allowed IP67 Class I Selv Eq. | *F990B22A000 | |  |

## Franco

Franco

## Familie / Family

Franco 1

**CoB Led**
up to 24W
up to 1920 lm - 2700K/CRI 80
up to 2065 lm - 3000K/CRI 80
up to 2166 lm - 4000K/CRI 80

**Power Led**
up to 20W
up to 1506 lm - 2700K/CRI 80
up to 1619 lm - 3000K/CRI 80
up to 1698 lm - 4000K/CRI 80

Franco 2

**CoB Led**
up to 43W
up to 3143 lm - 2700K/CRI 80
up to 3380 lm - 3000K/CRI 80
up to 3465 lm - 4000K/CRI 80

Franco 3

**CoB Led**
up to 52W
up to 3757 lm - 2700K/CRI 80
up to 4040 lm - 3000K/CRI 80
up to 4142 lm - 4000K/CRI 80

**Power Led**
up to 43W
up to 3676 lm - 2700K/CRI 80
up to 3939 lm - 3000K/CRI 80
up to 4070 lm - 4000K/CRI 80

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

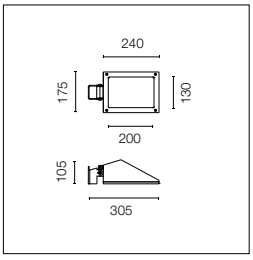
33 Anthracite

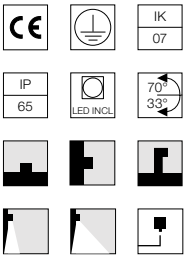
## Beschreibung / Description

Familie von neigbaren Projektionsleuchten mit LED-Quelle zur Wand-, und Pfostenmontage. Erhältlich in drei Dimensionen und mit verschiedenen Lichtstrahlen für jede Dimension, einschließlich Optiken für städtische Anwendungen. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil) und Reflektor aus Reinstaluminium. Extraklarer Glas-Diffusor mit Siebdruckkante, mit einem Roboterklebesystem am Rahmen befestigt. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Befestigungsbügel aus Edelstahl AISI 316L, abgestuft, um eine präzise Einstellung der Emissionseinheit und eine Neigung von ca. 120º auf der vertikalen Achse zu gewährleisten. Ergänzt durch eine Metall-Kabelführung. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Vervollständigt durch eine Reihe von Zylinderpfosten in verschiedenen Durchmessern und Höhen, die versenkt oder mit einer Ankerplatte und Zugschrauben befestigt werden können. Die MiniFranco-Version ist mit einem überstehenden Arm für die Wandmontage und die Beleuchtung von Schildern ausgestattet.

Family of tiltable projection luminaires with LED source for wall and post mounting. Available in three dimensions and with different light beams for every dimension, including optics for urban uses. Die cast aluminum body EN AB-47100 (with low copper content) and super pure aluminum reflector. Extraclear glass diffuser with silkscreen edge, attached to the frame with a robotic gluing system. Available in different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. AISI 316L stainless steel fixing bracket, graduated to guarantee precision in the adjustment of the emission unit and a tilting of approx. 120º on the vertical axis. Completed with a metal cable guide. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Completed with a series of cylinder posts in different diameters and heights that can be ground recessed or fixed with an anchor plate and lag screws. The MiniFranco version is equipped with a protruding arm for wall mounting and sign lighting.

## Franco 1 CoB Led



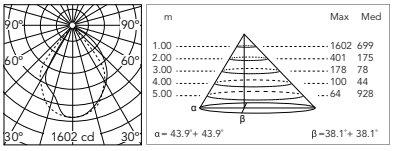

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einer M16x1,5 Kabelführung (für 4,5 mm<ø<10 mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: Pfosten, Gestelle und Arme zur Montage als Mast, überstehender Arm zur Wandmontage.

LED source included. Integrated electrical power supply 220-240V ON/OFF. Fixing bracket included. Equipped with a M16x1.5 cable guide (for 4.5mm<ø<10mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: posts; mounts and arms to install as a mast; protruding arm for wall mounting.

### Symmetric Optic

**CoB Led:** 24W - 2856 lm ≠ OUTPUT 1920 lm - 2700K/CRI 80 - 220-240V / 24W - 3071 lm ≠ OUTPUT 2065 lm - 3000K/CRI 80 - 220-240V / 24W - 3221 lm ≠ OUTPUT 2166 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA162812301 | ○ FA162811301 | ○ FA162801301 |
| ● FA162812306 | ● FA162811306 | ● FA162801306 |
| ● FA162812312 | ● FA162811312 | ● FA162801312 |
| ● FA162812318 | ● FA162811318 | ● FA162801318 |
| ● FA162812330 | ● FA162811330 | ● FA162801330 |
| ● FA162812333 | ● FA162811333 | ● FA162801333 |

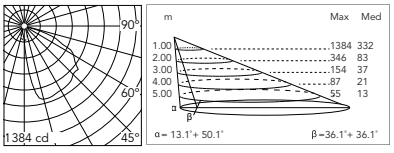



@ 3000K

### Asymmetric Optic

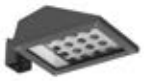
**CoB Led:** 24W - 2856 lm ≠ OUTPUT 1506 lm - 2700K/CRI 80 - 220-240V / 24W - 3071 lm ≠ OUTPUT 1619 lm - 3000K/CRI 80 - 220-240V / 24W - 3221 lm ≠ OUTPUT 1698 lm - 4000K/CRI 80 - 220-240V

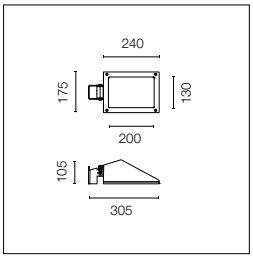
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA162812401 | ○ FA162811401 | ○ FA162801401 |
| ● FA162812406 | ● FA162811406 | ● FA162801406 |
| ● FA162812412 | ● FA162811412 | ● FA162801412 |
| ● FA162812418 | ● FA162811418 | ● FA162801418 |
| ● FA162812430 | ● FA162811430 | ● FA162801430 |
| ● FA162812433 | ● FA162811433 | ● FA162801433 |

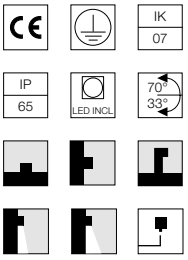



@ 3000K

## Franco 1 Power Led





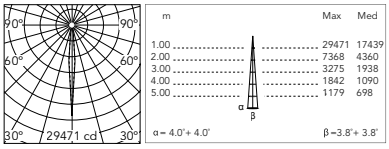

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON- OFF. Inklusive Befestigungsbügel. Ausgestattet mit einer M16x1,5 Kabelführung (für 4,5 mm<ø<10 mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: Pfosten, Gestelle und Arme zur Montage als Mast, überstehender Arm zur Wandmontage.

LED source included. Integrated electrical power supply 220-240V ON- OFF. Fixing bracket included. Equipped with a M16x1.5 cable guide (for 4.5mm<ø<10mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: posts; mounts and arms to install as a mast; protruding arm for wall mounting.

**Optic Spot 10°**

**Power Led:** 20W - 1776 lm ≠ OUTPUT 1371 lm - 2700K/CRI 80 - 220÷240V / 20W - 1914 lm ≠ OUTPUT 1486 lm - 3000K/CRI 80 - 220÷240V / 20W - 1987 lm ≠ OUTPUT 1543 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA161012201 | ○ FA161011201 | ○ FA162241201 |
| ● FA161012206 | ● FA161011206 | ● FA162241206 |
| ● FA161012212 | ● FA161011212 | ● FA162241212 |
| ● FA161012218 | ● FA161011218 | ● FA162241218 |
| ● FA161012230 | ● FA161011230 | ● FA162241230 |
| ● FA161012233 | ● FA161011233 | ● FA162241233 |

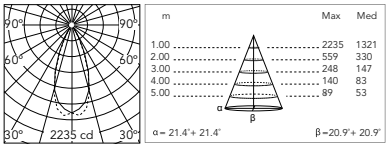



@ 3000K

**Optic Medium 40°**

**Power Led:** 20W - 1776 lm ≠ OUTPUT 1281 lm - 2700K/CRI 80 - 220÷240V / 20W - 1914 lm ≠ OUTPUT 1388 lm - 3000K/CRI 80 - 220÷240V / 20W - 1987 lm ≠ OUTPUT 1442 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA161012301 | ○ FA161011301 | ○ FA162241301 |
| ● FA161012306 | ● FA161011306 | ● FA162241306 |
| ● FA161012312 | ● FA161011312 | ● FA162241312 |
| ● FA161012318 | ● FA161011318 | ● FA162241318 |
| ● FA161012330 | ● FA161011330 | ● FA162241330 |
| ● FA161012333 | ● FA161011333 | ● FA162241333 |




@ 3000K

## Franco 1 / Ø 60mm - Poles

Mit Boden.
Mit festem Pfostenkopfhaken. Nicht verstellbarer Projektor.

With Base
With fixed pole head hooking. Non-adjustable projector.

**H 500mm**
- FA100501
- FA100506
- FA100512
- FA100518
- FA100530
- FA100533

**H 900mm**
- FA100901
- FA100906
- FA100912
- FA100918
- FA100930
- FA100933

**H 2000mm**
- FA11701
- FA11706
- FA11712
- FA11718
- FA11730
- FA11733

Bodeneinbau (+300 mm Wurzel)

In-Ground (+300 mm Root)

**H 500mm**
- FA110501
- FA110506
- FA110512
- FA110518
- FA110530
- FA110533

**H 900mm**
- FA110901
- FA110906
- FA110912
- FA110918
- FA110930
- FA110933

## Franco 1 / Ø 76mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

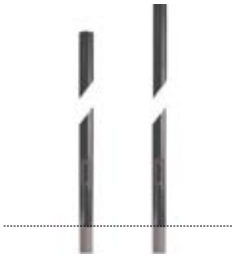
With Base and Access Door.
With Terminal Block 4x1,5-16mmq.

**H 3500mm**
- FA24806
- FA24833

**H 4500mm**
- FA24906
- FA24933

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq



**H 3500mm**
- FA25006
- FA25033

**H 4500mm**
- FA25106
- FA25133

## Franco 1 / Ø 102mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

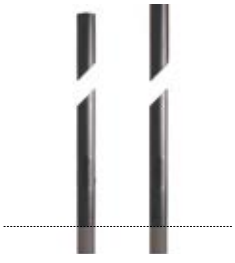
With Base and Access Door .
With Terminal Block 4x1,5-16mmq.

**H 4000mm**
- FA414006
- FA414033

**H 5000mm**
- FA415006
- FA415033

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

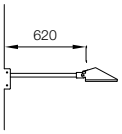
In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq



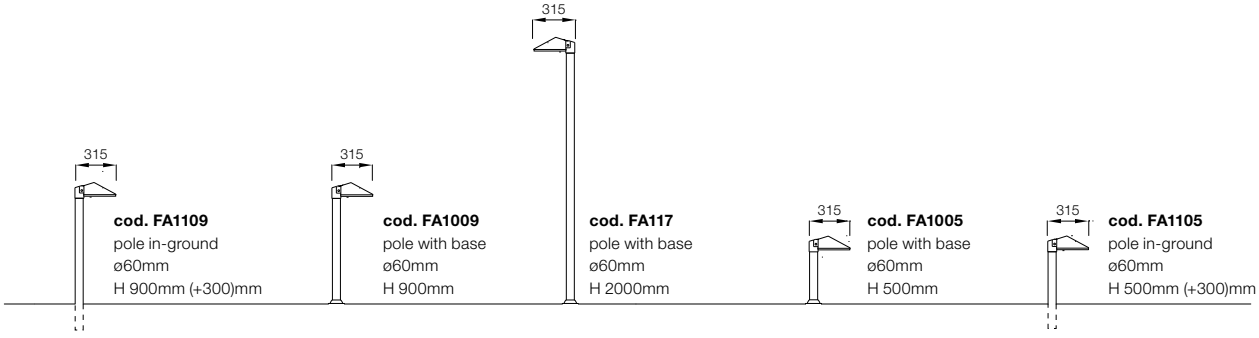
**H 4000mm**
- FA414506
- FA414533

**H 5000mm**
- FA415506
- FA415533

## Verstellbarer Projektor an der Wand / Adjustable Projector on Wall




## Nicht verstellbarer Projektor auf Pfosten / Non-Adjustable Projector on Pole




**cod. FA1109**
pole in-ground
ø60mm
H 900mm (+300)mm

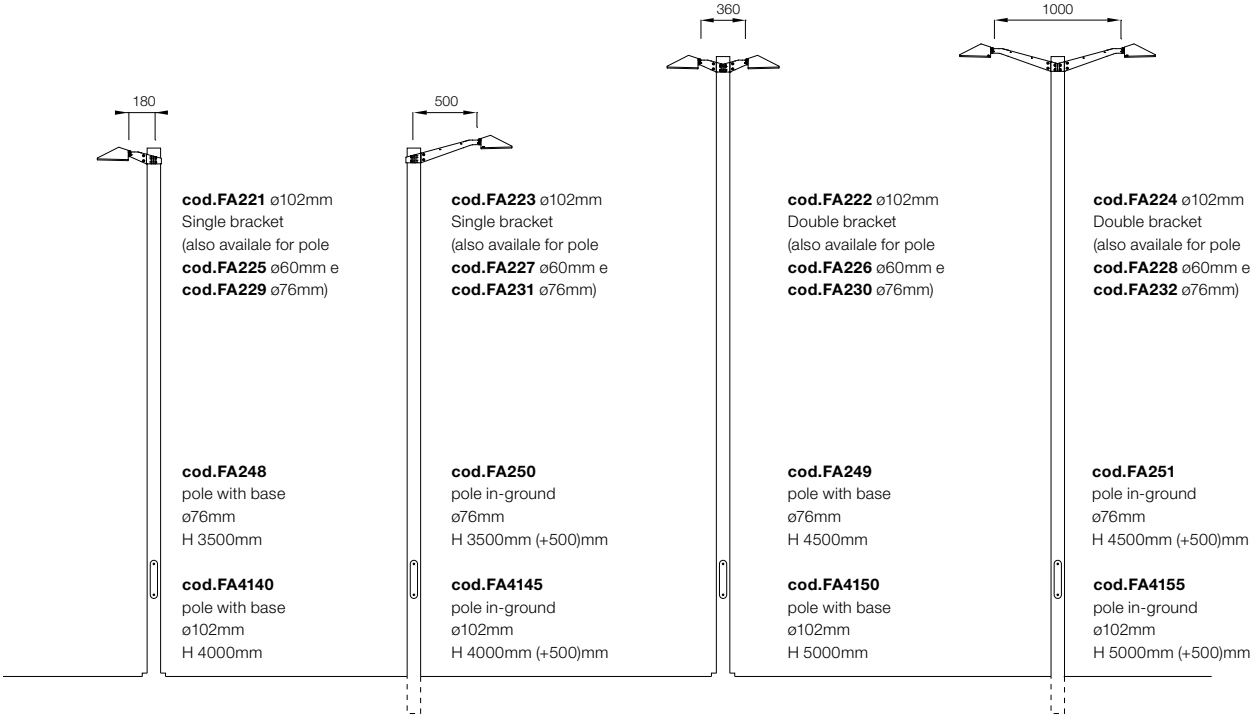
**cod. FA1009**
pole with base
ø60mm
H 900mm

**cod. FA117**
pole with base
ø60mm
H 2000mm

**cod. FA1005**
pole with base
ø60mm
H 500mm

**cod. FA1105**
pole in-ground
ø60mm
H 500mm (+300)mm

## Verstellbarer Projektor auf Pfosten / Adjustable Projector on Pole




**cod.FA221** ø102mm
Single bracket
(also availale for pole
**cod.FA225** ø60mm e
**cod.FA229** ø76mm)

**cod.FA223** ø102mm
Single bracket
(also availale for pole
**cod.FA227** ø60mm e
**cod.FA231** ø76mm)

**cod.FA222** ø102mm
Double bracket
(also availale for pole
**cod.FA226** ø60mm e
**cod.FA230** ø76mm)

**cod.FA224** ø102mm
Double bracket
(also availale for pole
**cod.FA228** ø60mm e
**cod.FA232** ø76mm)

**cod.FA248**
pole with base
ø76mm
H 3500mm

**cod.FA250**
pole in-ground
ø76mm
H 3500mm (+500)mm

**cod.FA249**
pole with base
ø76mm
H 4500mm

**cod.FA251**
pole in-ground
ø76mm
H 4500mm (+500)mm

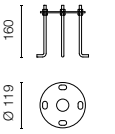
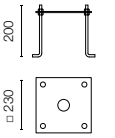
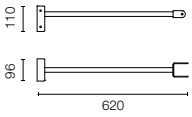
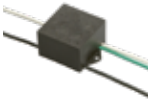
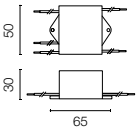
**cod.FA4140**
pole with base
ø102mm
H 4000mm

**cod.FA4145**
pole in-ground
ø102mm
H 4000mm (+500)mm

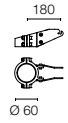
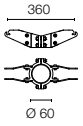
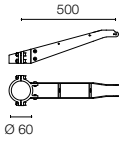
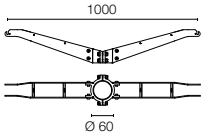
**cod.FA4150**
pole with base
ø102mm
H 5000mm

**cod.FA4155**
pole in-ground
ø102mm
H 5000mm (+500)mm

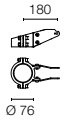
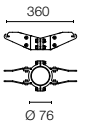
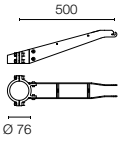
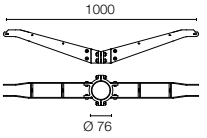
## Franco 1: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Stiftschraubenplatte. | Base plate with bolt. | H: 500 / 900 / 2000mm<br>FA243 | |  |
| Stiftschraubenplatte. | Base plate with bolt. | H: 3500 / 4500mm with base<br>FA116 | |  |
| Arm für Wand 620 mm. | Wall bracket 620mm. | ○ FA8801<br>● FA8806<br>● FA8812<br>● FA8818<br>● FA8830<br>● FA8833 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |  |  |

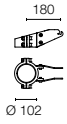
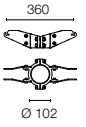
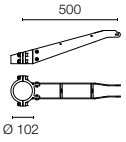
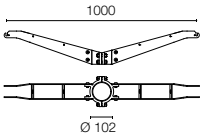
## Franco 1 Ø 60mm

| | | | | |
|---|---|---|---|---|
| Einzelarm 180 mm.<br>Für Pfosten Ø 60 mm. | Single bracket 180mm.<br>For pole Ø 60mm. | ● FA22506<br>● FA22533 | |  |
| Doppelarm 180 mm.<br>Für Pfosten Ø 60 mm. | Double bracket 180mm.<br>For pole Ø 60mm. | ● FA22606<br>● FA22633 | |  |
| Einzelarm 500 mm.<br>Für Pfosten Ø 60 mm. | Single bracket 500mm.<br>For pole Ø 60mm. | ● FA22706<br>● FA22733 | |  |
| Doppelarm 500 mm.<br>Für Pfosten Ø 60 mm. | Double bracket 500mm.<br>For pole Ø 60mm. | ● FA22806<br>● FA22833 | |  |

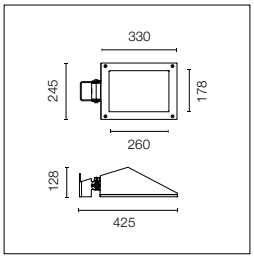
## Franco 1 Ø 76mm

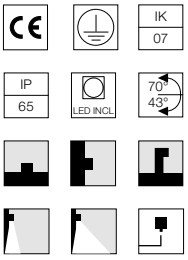
| | | | | |
|---|---|---|---|---|
| Einzelarm 180 mm.<br>Für Pfosten Ø 76 mm. | Single bracket 180mm.<br>For pole Ø 76mm. | ○ FA22906<br>● FA22933 | |  |
| Doppelarm 180 mm.<br>Für Pfosten Ø 76 mm. | Double bracket 180mm.<br>For pole Ø 76mm. | ○ FA23006<br>● FA23033 | |  |
| Einzelarm 500 mm.<br>Für Pfosten Ø 76 mm. | Single bracket 500mm.<br>For pole Ø 76mm. | ○ FA23106<br>● FA23133 | |  |
| Doppelarm 500 mm.<br>Für Pfosten Ø 76 mm. | Double bracket 500mm.<br>For pole Ø 76mm. | ○ FA23206<br>● FA23233 | |  |

## Franco 1 Ø 102mm

| | | | | |
|---|---|---|---|---|
| Einzelarm 180 mm.<br>Für Pfosten Ø 102 mm. | Single bracket 180mm.<br>For pole Ø 102mm. | ○ FA22106<br>● FA22133 | |  |
| Doppelarm 180 mm.<br>Für Pfosten Ø 102 mm. | Double bracket 180mm.<br>For pole Ø 102mm. | ○ FA22206<br>● FA22233 | |  |
| Einzelarm 500 mm.<br>Für Pfosten Ø 102 mm. | Single bracket 500mm.<br>For pole Ø 102mm. | ○ FA22306<br>● FA22333 | |  |
| Doppelarm 500 mm.<br>Für Pfosten Ø 102 mm. | Double bracket 500mm.<br>For pole Ø 102mm. | ○ FA22406<br>● FA22433 | |  |

## Franco 2 CoB Led



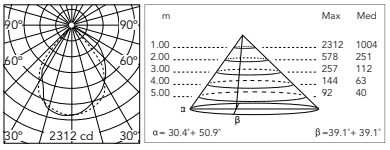

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einer M20x1,5 Kabelführung (für 7 mm<ø<13 mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: Pfosten und Arme zur Montage als Mast.

LED source included. Integrated electrical power supply 220-240V ON/OFF. Graduated fixing bracket included. Equipped with a M20x1.5 cable guide (for 7mm<ø<13mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: posts and arms for mast mounting.

### Symmetric Optic

**CoB Led:** 43W - 5043 lm ≠ OUTPUT 3143 lm - 2700K/CRI 80 - 220÷240V / 43W - 5423 lm ≠ OUTPUT 3380 lm - 3000K/CRI 80 - 220÷240V / 43W - 5560 lm ≠ OUTPUT 3465 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA962832301 | ○ FA962831301 | ○ FA962821301 |
| ● FA962832306 | ● FA962831306 | ● FA962821306 |
| ● FA962832312 | ● FA962831312 | ● FA962821312 |
| ● FA962832318 | ● FA962831318 | ● FA962821318 |
| ● FA962832330 | ● FA962831330 | ● FA962821330 |
| ● FA962832333 | ● FA962831333 | ● FA962821333 |

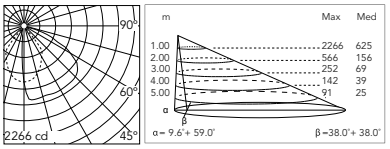



@ 3000K

### Asymmetric Optic

**CoB Led:** 43W - 5043 lm ≠ OUTPUT 2648 lm - 2700K/CRI 80 - 220÷240V / 43W - 5423 lm ≠ OUTPUT 2847 lm - 3000K/CRI 80 - 220÷240V / 43W - 5560 lm ≠ OUTPUT 2919 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA962832401 | ○ FA962831401 | ○ FA962821401 |
| ● FA962832406 | ● FA962831406 | ● FA962821406 |
| ● FA962832412 | ● FA962831412 | ● FA962821412 |
| ● FA962832418 | ● FA962831418 | ● FA962821418 |
| ● FA962832430 | ● FA962831430 | ● FA962821430 |
| ● FA962832433 | ● FA962831433 | ● FA962821433 |




@ 3000K

## Franco 2 / Ø 76mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

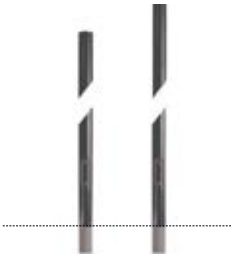
With Base and Access Door.
With Terminal Block 4x1,5-16mmq.

**H 3500mm**
- FA24806
- FA24833

**H 4500mm**
- FA24906
- FA24933

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq



**H 3500mm**
- FA25006
- FA25033

**H 4500mm**
- FA25106
- FA25133

## Franco 2 / Ø 102mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

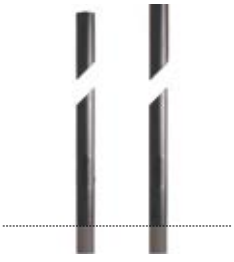
With Base and Access Door .
With Terminal Block 4x1,5-16mmq.

**H 4000mm**
- FA414006
- FA414033

**H 5000mm**
- FA415006
- FA415033

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

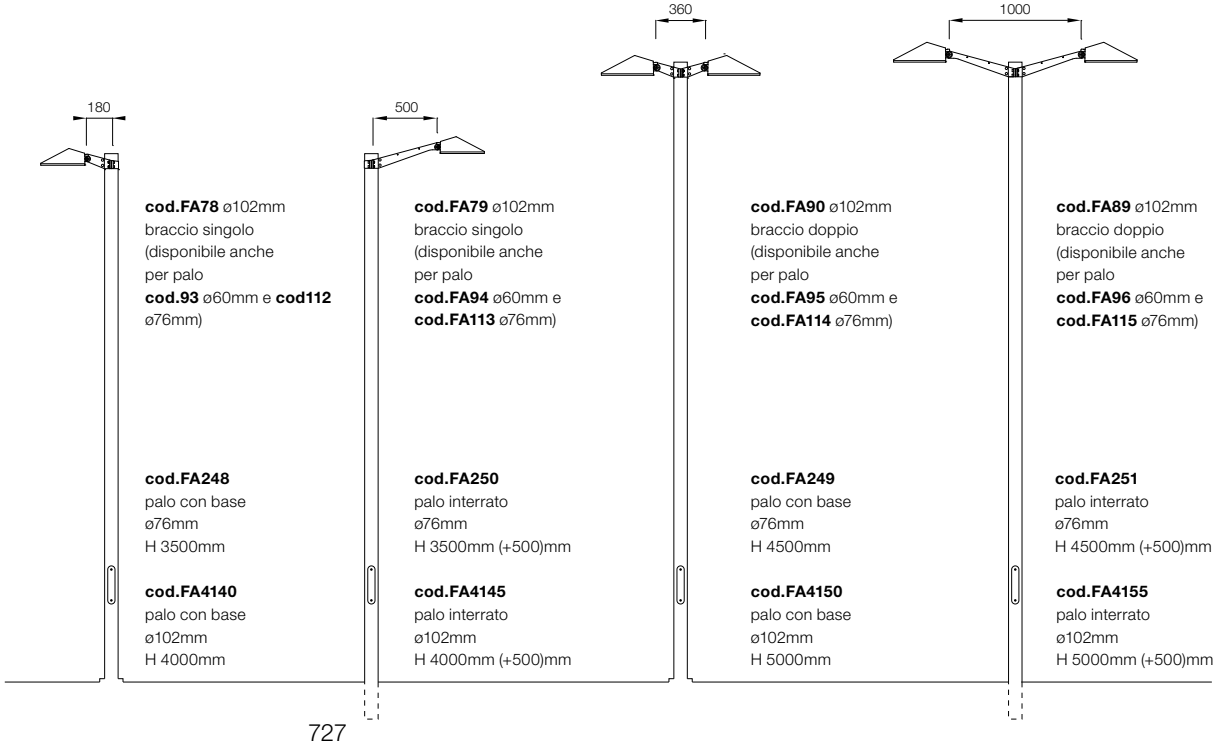
In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq



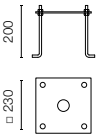
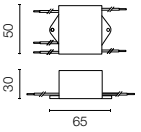
**H 4000mm**
- FA414506
- FA414533

**H 5000mm**
- FA415506
- FA415533

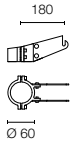
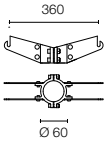
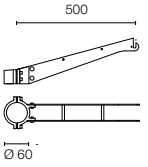
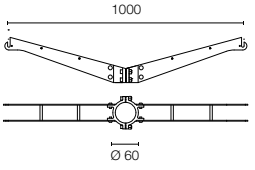
## Installation scheme: Franco 2



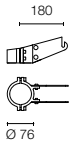
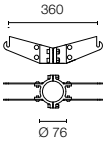
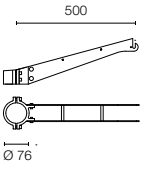
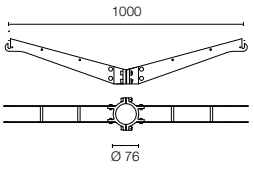
## Franco 2: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Stiftschraubenplatte. | Base plate with bolt. | FA116 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66. | CoB LED<br>F990E00A000 | |  |

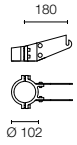
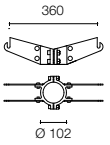
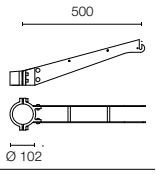
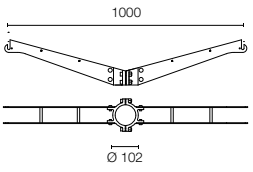
## Franco 2 Ø 60mm

| | | | | |
|---|---|---|---|---|
| Einzelarm 180 mm.<br>Für Pfosten Ø 60 mm. | Single bracket 180mm.<br>For pole Ø 60mm. | ● FA9306<br>● FA9333 | |  |
| Doppelarm 180 mm.<br>Für Pfosten Ø 60 mm. | Double bracket 180mm.<br>For pole Ø 60mm. | ● FA9506<br>● FA9533 | |  |
| Einzelarm 500 mm.<br>Für Pfosten Ø 60 mm. | Single bracket 500mm.<br>For pole Ø 60mm. | ● FA9406<br>● FA9433 | |  |
| Doppelarm 500 mm.<br>Für Pfosten Ø 60 mm. | Double bracket 500mm.<br>For pole Ø 60mm. | ● FA9606<br>● FA9633 | |  |

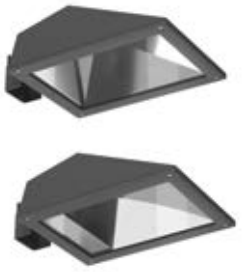
## Franco 2 Ø 76mm

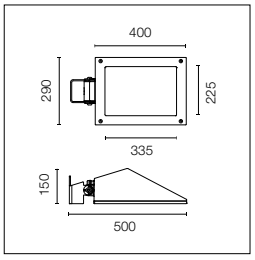
| | | | |
|---|---|---|---|
| Einzelarm 180 mm.<br>Für Pfosten Ø 76 mm. | Single bracket 180mm.<br>For pole Ø 76mm. | ○ FA11206<br>● FA11233 |   |
| Doppelarm 180 mm.<br>Für Pfosten Ø 76 mm. | Double bracket 180mm.<br>For pole Ø 76mm. | ○ FA11406<br>● FA11433 |   |
| Einzelarm 500 mm.<br>Für Pfosten Ø 76 mm. | Single bracket 500mm.<br>For pole Ø 76mm. | ○ FA11306<br>● FA11333 |   |
| Doppelarm 500 mm.<br>Für Pfosten Ø 76 mm. | Double bracket 500mm.<br>For pole Ø 76mm. | ○ FA11506<br>● FA11533 |   |

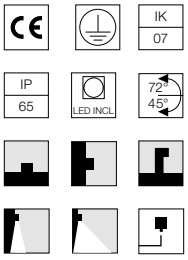
## Franco 2 Ø 102mm

| | | | |
|---|---|---|---|
| Einzelarm 180 mm.<br>Für Pfosten Ø 102 mm. | Single bracket 180mm.<br>For pole Ø 102mm. | ○ FA7806<br>● FA7833 |   |
| Doppelarm 180 mm.<br>Für Pfosten Ø 102 mm. | Double bracket 180mm.<br>For pole Ø 102mm. | ○ FA9006<br>● FA9033 |   |
| Einzelarm 500 mm.<br>Für Pfosten Ø 102 mm. | Single bracket 500mm.<br>For pole Ø 102mm. | ○ FA7906<br>● FA7933 |   |
| Doppelarm 500 mm.<br>Für Pfosten Ø 102 mm. | Double bracket 500mm.<br>For pole Ø 102mm. | ○ FA8906<br>● FA8933 |   |

## Franco 3 CoB Led





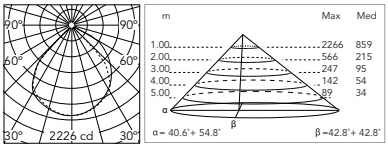

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einer M20x1,5 Kabelführung (für 7 mm<ø<13 mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: Pfosten und Arme zur Montage als Mast.

LED source included. Integrated electrical power supply 220-240V ON/OFF. Graduated fixing bracket included. Equipped with a M20x1.5 cable guide (for 7mm<ø<13mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: posts and arms for mast mounting.

### Symmetric Optic

**CoB Led:** 52W - 5847 lm ≠ OUTPUT 3757 lm - 2700K/CRI 80 - 220÷240V / 52W - 6287 lm ≠ OUTPUT 4040 lm - 3000K/CRI 80 - 220÷240V / 52W - 6446 lm ≠ OUTPUT 4142 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA972842301 | ○ FA972851301 | ○ FA972841301 |
| ● FA972842306 | ● FA972851306 | ● FA972841306 |
| ● FA972842312 | ● FA972851312 | ● FA972841312 |
| ● FA972842318 | ● FA972851318 | ● FA972841318 |
| ● FA972842330 | ● FA972851330 | ● FA972841330 |
| ● FA972842333 | ● FA972851333 | ● FA972841333 |

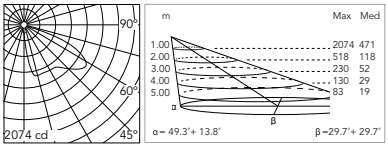



@ 3000K

### Asymmetric Optic

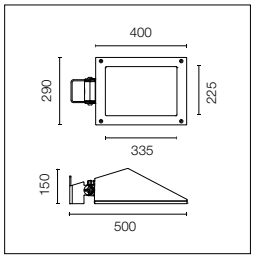
**CoB Led:** 52W - 5847 lm ≠ OUTPUT 3072 lm - 2700K/CRI 80 - 220÷240V / 52W - 6287 lm ≠ OUTPUT 3303 lm - 3000K/CRI 80 - 220÷240V / 52W - 6446 lm ≠ OUTPUT 3386 lm - 4000K/CRI 80 - 220÷240V

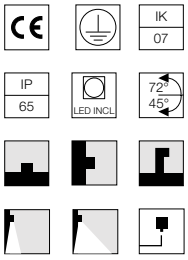
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA942842401 | ○ FA942851401 | ○ FA972841401 |
| ● FA942842406 | ● FA942851406 | ● FA972841406 |
| ● FA942842412 | ● FA942851412 | ● FA972841412 |
| ● FA942842418 | ● FA942851418 | ● FA972841418 |
| ● FA942842430 | ● FA942851430 | ● FA972841430 |
| ● FA942842433 | ● FA942851433 | ● FA972841433 |




@ 3000K

## Franco 3 Power Led




Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON/OFF. Inklusive Befestigungsbügel. Ausgestattet mit einer M20x1,5 Kabelführung (für 7 mm<ø<13 mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: Pfosten und Arme zur Montage als Mast.

LED source included. Integrated electrical power supply 220-240V ON/OFF. Graduated fixing bracket included. Equipped with a M20x1.5 cable guide (for 7mm<ø<13mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: posts and arms for mast mounting.

### Asymmetric Optic

**Power Led:** 43W - 5775 lm ≠ OUTPUT 3676 lm - 2700K/CRI 80 - 220÷240V / 43W - 5589 lm ≠ OUTPUT 3939 lm - 3000K/CRI 80 - 220÷240V / 43W - 5216 lm ≠ OUTPUT 4070 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- ○ FA972472301
- ● FA972472306
- ● FA972472312
- ● FA972472318
- ● FA972472330
- ● FA972472333

1-10V
- ○ FA972472301-310
- ● FA972472306-310
- ● FA972472312-310
- ● FA972472318-310
- ● FA972472330-310
- ● FA972472333-310

Dali
- ○ FA972472301-300
- ● FA972472306-300
- ● FA972472312-300
- ● FA972472318-300
- ● FA972472330-300
- ● FA972472333-300

**3000K**

Non Dimmable
- ○ FA972481301
- ● FA972481306
- ● FA972481312
- ● FA972481318
- ● FA972481330
- ● FA972481333

1-10V
- ○ FA972481301-310
- ● FA972481306-310
- ● FA972481312-310
- ● FA972481318-310
- ● FA972481330-310
- ● FA972481333-310

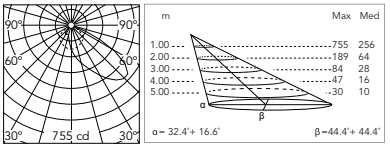
Dali
- ○ FA972481301-300
- ● FA972481306-300
- ● FA972481312-300
- ● FA972481318-300
- ● FA972481330-300
- ● FA972481333-300

**4000K**

Non Dimmable
- ○ FA972471301
- ● FA972471306
- ● FA972471312
- ● FA972471318
- ● FA972471330
- ● FA972471333

1-10V
- ○ FA972471301-310
- ● FA972471306-310
- ● FA972471312-310
- ● FA972471318-310
- ● FA972471330-310
- ● FA972471333-310

Dali
- ○ FA972471301-300
- ● FA972471306-300
- ● FA972471312-300
- ● FA972471318-300
- ● FA972471330-300
- ● FA972471333-300




@ 3000K

### Street Light Optic

**Power Led:** 43W - 5775 lm ≠ OUTPUT 3130 lm - 2700K/CRI 80 - 220÷240V / 43W - 5589 lm ≠ OUTPUT 3354 lm - 3000K/CRI 80 - 220÷240V / 43W - 5216 lm ≠ OUTPUT 3466 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- ○ FA972472401
- ● FA972472406
- ● FA972472412
- ● FA972472418
- ● FA972472430
- ● FA972472433

1-10V
- ○ FA972472401-310
- ● FA972472406-310
- ● FA972472412-310
- ● FA972472418-310
- ● FA972472430-310
- ● FA972472433-310

Dali
- ○ FA972472401-300
- ● FA972472406-300
- ● FA972472412-300
- ● FA972472418-300
- ● FA972472430-300
- ● FA972472433-300

**3000K**

Non Dimmable
- ○ FA972481401
- ● FA972481406
- ● FA972481412
- ● FA972481418
- ● FA972481430
- ● FA972481433

1-10V
- ○ FA972481401-310
- ● FA972481406-310
- ● FA972481412-310
- ● FA972481418-310
- ● FA972481430-310
- ● FA972481433-310

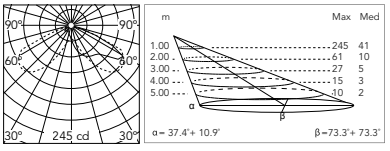
Dali
- ○ FA972481401-300
- ● FA972481406-300
- ● FA972481412-300
- ● FA972481418-300
- ● FA972481430-300
- ● FA972481433-300

**4000K**

Non Dimmable
- ○ FA972471401
- ● FA972471406
- ● FA972471412
- ● FA972471418
- ● FA972471430
- ● FA972471433

1-10V
- ○ FA972471401-310
- ● FA972471406-310
- ● FA972471412-310
- ● FA972471418-310
- ● FA972471430-310
- ● FA972471433-310

Dali
- ○ FA972471401-300
- ● FA972471406-300
- ● FA972471412-300
- ● FA972471418-300
- ● FA972471430-300
- ● FA972471433-300




@ 3000K

## Franco 3 / Ø 76mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door.
With Terminal Block 4x1,5-16mmq.

**H 3500mm**

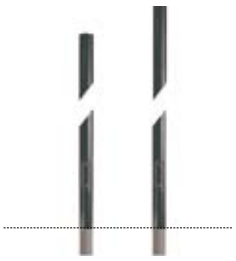
- FA24806
- FA24833

**H 4500mm**

- FA24906
- FA24933

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq



**H 3500mm**

- FA25006
- FA25033

**H 4500mm**

- FA25106
- FA25133

## Franco 3 / Ø 102mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door .
With Terminal Block 4x1,5-16mmq.

**H 4000mm**

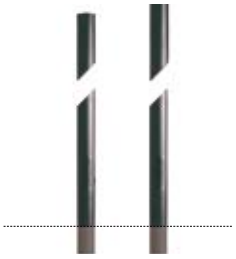
- FA414006
- FA414033

**H 5000mm**

- FA415006
- FA415033

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq



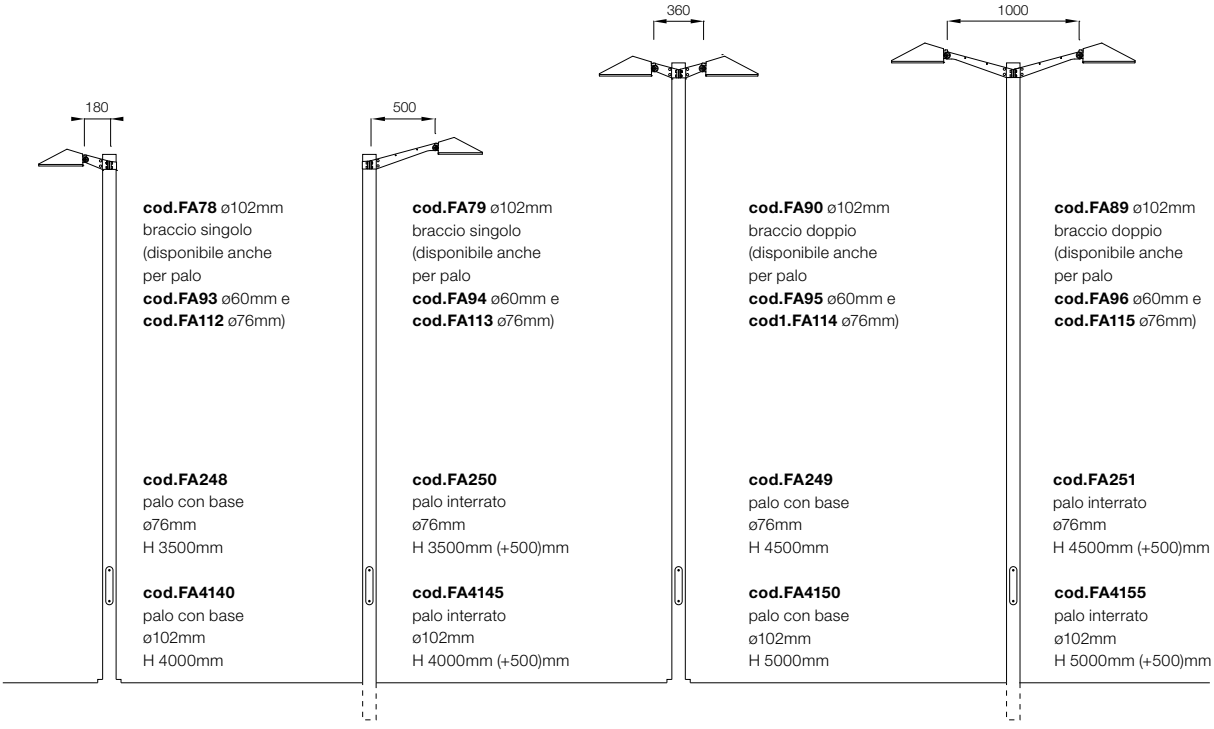
**H 4000mm**

- FA414506
- FA414533

**H 5000mm**

- FA415506
- FA415533

## Installation scheme: Franco 3




**cod.FA78** ø102mm
braccio singolo
(disponibile anche
per palo
**cod.FA93** ø60mm e
**cod.FA112** ø76mm)

**cod.FA79** ø102mm
braccio singolo
(disponibile anche
per palo
**cod.FA94** ø60mm e
**cod.FA113** ø76mm)

**cod.FA90** ø102mm
braccio doppio
(disponibile anche
per palo
**cod.FA95** ø60mm e
**cod1.FA114** ø76mm)

**cod.FA89** ø102mm
braccio doppio
(disponibile anche
per palo
**cod.FA96** ø60mm e
**cod.FA115** ø76mm)

**cod.FA248**
palo con base
ø76mm
H 3500mm

**cod.FA4140**
palo con base
ø102mm
H 4000mm

**cod.FA250**
palo interrato
ø76mm
H 3500mm (+500)mm

**cod.FA4145**
palo interrato
ø102mm
H 4000mm (+500)mm

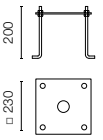
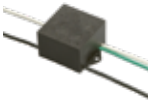
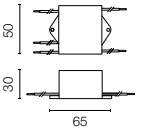
**cod.FA249**
palo con base
ø76mm
H 4500mm

**cod.FA4150**
palo con base
ø102mm
H 5000mm

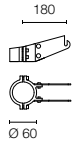
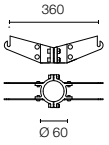
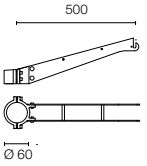
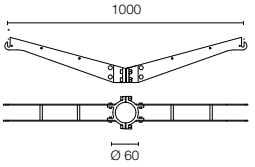
**cod.FA251**
palo interrato
ø76mm
H 4500mm (+500)mm

**cod.FA4155**
palo interrato
ø102mm
H 5000mm (+500)mm

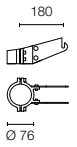
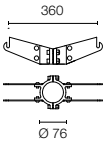
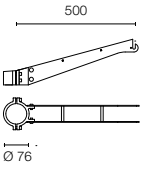
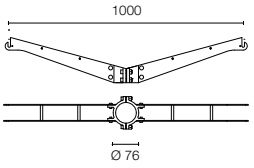
## Franco 3: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Stiftschraubenplatte. | Base plate with bolt. | FA116 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66. | CoB LED / Power LED<br>F990E00A000 |  |  |

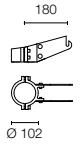
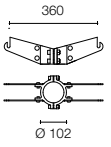
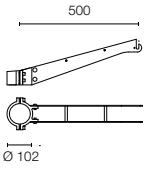
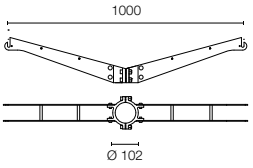
## Franco 3 Ø 60mm

| | | | | |
|---|---|---|---|---|
| Einzelarm 180 mm.<br>Für Pfosten Ø 60 mm. | Single bracket 180mm.<br>For pole Ø 60mm. | ○ FA9306<br>● FA9333 | |  |
| Doppelarm 180 mm.<br>Für Pfosten Ø 60 mm. | Double bracket 180mm.<br>For pole Ø 60mm. | ○ FA9506<br>● FA9533 | |  |
| Einzelarm 500 mm.<br>Für Pfosten Ø 60 mm. | Single bracket 500mm.<br>For pole Ø 60mm. | ○ FA9406<br>● FA9433 | |  |
| Doppelarm 500 mm.<br>Für Pfosten Ø 60 mm. | Double bracket 500mm.<br>For pole Ø 60mm. | ○ FA9606<br>● FA9633 | |  |

## Franco 3 Ø 76mm

| | | | | |
|---|---|---|---|---|
| Einzelarm 180 mm.<br>Für Pfosten Ø 76 mm. | Single bracket 180mm.<br>For pole Ø 76mm. | ○ FA11206<br>● FA11233 | |  |
| Doppelarm 180 mm.<br>Für Pfosten Ø 76 mm. | Double bracket 180mm.<br>For pole Ø 76mm. | ○ FA11406<br>● FA11433 | |  |
| Einzelarm 500 mm.<br>Für Pfosten Ø 76 mm. | Single bracket 500mm.<br>For pole Ø 76mm. | ○ FA11306<br>● FA11333 | |  |
| Doppelarm 500 mm.<br>Für Pfosten Ø 76 mm. | Double bracket 500mm.<br>For pole Ø 76mm. | ○ FA11506<br>● FA11533 | |  |

## Franco 3 Ø 102mm

| | | | | |
|---|---|---|---|---|
| Einzelarm 180 mm.<br>Für Pfosten Ø 102 mm. | Single bracket 180mm.<br>For pole Ø 102mm. | ○ FA7806<br>● FA7833 | |  |
| Doppelarm 180 mm.<br>Für Pfosten Ø 102 mm. | Double bracket 180mm.<br>For pole Ø 102mm. | ○ FA9006<br>● FA9033 | |  |
| Einzelarm 500 mm.<br>Für Pfosten Ø 102 mm. | Single bracket 500mm.<br>For pole Ø 102mm. | ○ FA7906<br>● FA7933 | |  |
| Doppelarm 500 mm.<br>Für Pfosten Ø 102 mm. | Double bracket 500mm.<br>For pole Ø 102mm. | ○ FA8906<br>● FA8933 | |  |

# Perseo

Perseo

## Familie / Family

Perseo 1

**Power Led**
up to 7W
up to 373 lm - 2700K/CRI 80
up to 401 lm - 3000K/CRI 80
up to 427 lm - 4000K/CRI 80

**Mid-Power Led**
up to 9W
up to 435 lm - 2700K/CRI 80
up to 468 lm - 3000K/CRI 80
up to 491 lm - 4000K/CRI 80

Perseo 2

**Power Led**
up to 12W
up to 866 lm - 2700K/CRI 80
up to 963 lm - 3000K/CRI 80
up to 984 lm - 4000K/CRI 80

**Mid-Power Led**
up to 11W
up to 580 lm - 2700K/CRI 80
up to 624 lm - 3000K/CRI 80
up to 655 lm - 4000K/CRI 80

Perseo 3

**Power Led**
up to 20W
up to 1559 lm - 2700K/CRI 80
up to 1732 lm - 3000K/CRI 80
up to 1771 lm - 4000K/CRI 80

Perseo 4

**Power Led**
up to 53W
up to 3989 lm - 2700K/CRI 80
up to 4332 lm - 3000K/CRI 80
up to 4533 lm - 4000K/CRI 80

**RGB - Power Led**
up to 40W + 220-240V
DMX interface.

## Ausführungen / Colours



01 White

06 Grey

12 Forest Green

18 Deep Brown

30 Black

33 Anthracite

## Beschreibung / Description

Komplette Familie von neigbaren Projektionsleuchten mit LED-Quelle, designt zur Wand-, Pfosten-, Decken- und Bodenmontage mit einem Metallstift, das separat bestellt werden muss. Erhältlich in vier Dimensionen und mit verschiedenen Lichtstrahlen für jede Dimension, einschließlich Optiken für städtische Anwendungen. Gehäuse aus Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil) und Reflektor aus Reinstaluminium. Extraklarer oder mattierter Glas-Diffusor mit Siebdruckkante, mit einem Roboterklebesystem am Rahmen befestigt. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Befestigungsbügel aus Edelstahl AISI 316L in der gleichen Ausführung wie das Gehäuse der Leuchte.

**Perseo 1 / Perseo 2**
Neigbare Projektionsleuchten zur Wand-, Decken- und Bodenmontage. Drei Abstrahlwinkel erhältlich: schmal, mittel (transparentes Glas) und diffus (mattiertes Glas). Ausgestattet mit einem überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Der Befestigungsbügel aus Edelstahl AISI 316L ermöglicht eine Neigung um ca. 180º auf der vertikalen Achse. Das Sortiment wird durch folgendes optionales Zubehör ergänzt: Erdspieß, Füße für die Installation der Leuchte als Bollard und überstehende Arme für die Beleuchtung von Schildern. Die Füße und Arme haben IP68-Anschlüsse für eine einfache und sichere Verkabelung.

**Perseo 3 / Perseo 4**

Neigbare Projektionsleuchten zur Wand-, Pfosten-, Decken- und Bodenmontage. Vier Abstrahlwinkel erhältlich: schmal, mittel, asymmetrisch und städtische Optiken. Ergänzt durch eine Metall-Kabelführung. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Befestigungsbügel aus Edelstahl AISI 316L, abgestuft, um eine präzise Einstellung der Emissionseinheit und eine Neigung von ca. 150º auf der vertikalen Achse zu gewährleisten. Das Sortiment wird durch folgendes optionales Zubehör ergänzt: Füße für die Installation der Leuchte als Bollard; Arme für die Wandmontage, geeignet für die Beleuchtung von Schildern in einiger Entfernung (die Füße und Arme haben IP68-Anschlüsse für eine einfache und sichere Verkabelung); eine komplette Serie von Zylinderfüßen in verschiedenen Durchmessern und Höhen, die in den Boden versenkt oder mit Ankerplatten und Zugschrauben befestigt werden können; Einzel- und Doppelarme in zwei Längen für Pfosten mit verschiedenen Durchmessern, Wall-Washer-Visier und Anti-Vandalismus-Schutzdeckel. Das Perseo-4-Modell wird durch die RGB-Version ergänzt, um farbige Lichtszenarien zu kreieren.

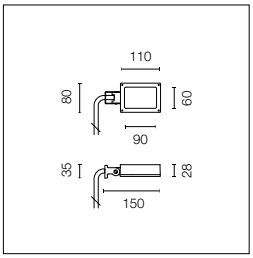
Complete family of tiltable projection luminaires with LED source, designed for wall, post, ceiling and ground mounting with a metal nail that needs to be ordered separately. Available in four dimensions and with different light beams for every dimension, including optics for urban uses. Die cast aluminum body EN AB-47100 (with low copper content) and super pure aluminum reflector. Extraclear or frosted glass diffuser with silkscreen edge, attached to the frame with a robotic gluing system. Available in different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. AISI 316L stainless steel fixing bracket with the same finish as the luminaire body.

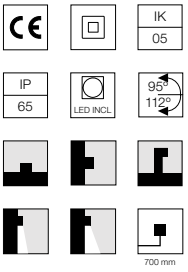
**Perseo 1 / Perseo 2**
Tiltable projection luminaires for wall, ceiling, and ground mounting. Three beam angles available: slim, medium (transparent glass) and diffused (frosted glass). Equipped with a protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. The AISI 316L stainless steel fixing bracket allows for a tilting of approx. 180º on the vertical axis. The range is completed with the following optional accessories: ground spike; feet to install the luminaire as a bollard; and protruding arms for sign lighting. The feet and arms include IP68 connectors to guarantee an easy and safe cabling.

**Perseo 3 / Perseo 4**

Tiltable projection luminaires for wall, post, ceiling, and ground mounting. Four beam angles available: slim, medium, asymmetrical, and urban optics. Equipped with a metal cable guide. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. AISI316L stainless steel fixing bracket, graduated to guarantee precision in the adjustment of the emission unit and a tilting of approx. 150º on the vertical axis. The range is completed with the following optional accessories: feet to install the luminaire as a bollard; arms for wall mounting, suitable for sign lighting at a distance (the feet and arms include IP68 connectors for an easy and safe cabling); a complete series of cylinder feet in different diameters and heights to be ground recessed or fixed with anchor plates and lag screws; single and double arms in two lenghts for posts with different diameters, wall-washer visor and anti-vandalism protection lid.
The Perseo 4 model is completed with the RGB version to create sceneries with colored light.

## Perseo 1



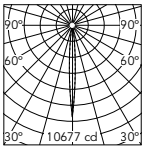

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 100-240 V ON- OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 700 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Optionales Zubehör: Erdspieß, Füße für die Bodenmontage und Arme für die Wandmontage (inklusive IP68-Anschluss). Extraklares transparentes Glas.

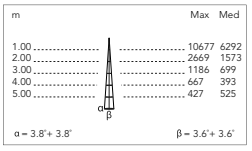
LED source included. Integrated electrical power supply 100-240V ON- OFF. Fixing bracket included. Equipped with a 700 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional accessories: ground spike; feet for ground mounting and arms for wall mounting (IP68 connector included). Extraclear transparent glass.

**Optic Narrow Spot 8°**

**Power LED:** 7W - 398 lm ≠ OUTPUT 373 lm - 2700K/CRI 80 - 100-240V / 7W - 428 lm ≠ OUTPUT 401 lm - 3000K/CRI 80 - 100-240V / 7W - 456 lm ≠ OUTPUT 427 lm - 4000K/CRI 80 - 100-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA52514001 | ○ FA52501301 | ○ FA52501201 |
| ● FA52514006 | ● FA52501306 | ● FA52501206 |
| ● FA52514012 | ● FA52501312 | ● FA52501212 |
| ● FA52514018 | ● FA52501318 | ● FA52501218 |
| ● FA52514030 | ● FA52501330 | ● FA52501230 |
| ● FA52514033 | ● FA52501333 | ● FA52501233 |



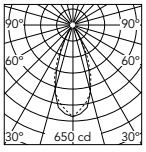



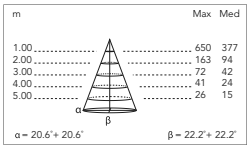

@ 4000K

**Optic Medium 40°**

**Power LED:** 7W - 398 lm ≠ OUTPUT 332 lm - 2700K/CRI 80 - 100-240V / 7W - 428 lm ≠ OUTPUT 357 lm - 3000K/CRI 80 - 100-240V / 7W - 456 lm ≠ OUTPUT 381 lm - 4000K/CRI 80 - 100-240V

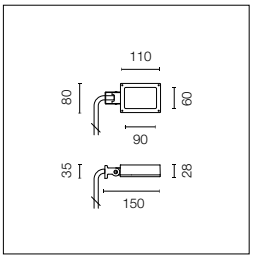
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA52514201 | ○ FA52502301 | ○ FA52502201 |
| ● FA52514206 | ● FA52502306 | ● FA52502206 |
| ● FA52514212 | ● FA52502312 | ● FA52502212 |
| ● FA52514218 | ● FA52502318 | ● FA52502218 |
| ● FA52514230 | ● FA52502330 | ● FA52502230 |
| ● FA52514233 | ● FA52502333 | ● FA52502233 |

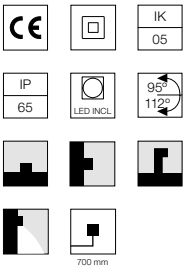



@ 4000K

## Perseo 1 Opal



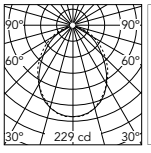

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 100-240 V ON- OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 700 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Optionales Zubehör: Erdspieß, Füße für die Bodenmontage und Arme für die Wandmontage (inklusive IP68-Anschluss). Mattiertes Glas.

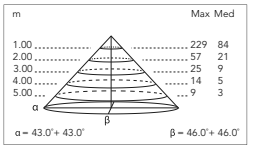
LED source included. Integrated electrical power supply 100-240V ON- OFF. Fixing bracket included. Equipped with a 700 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional accessories: ground spike; feet for ground mounting and arms for wall mounting (IP68 connector included). Frosted glass.

**Diffused Light**

**Mid-Power LED:** 9W - 836 lm ≠ OUTPUT 435 lm - 2700K/CRI 80 - 100-240V / 9W - 899 lm ≠ OUTPUT 468 lm - 3000K/CRI 80 - 100-240V / 9W - 943 lm ≠ OUTPUT 491 lm - 4000K/CRI 80 - 100-240V

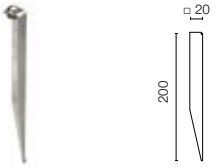
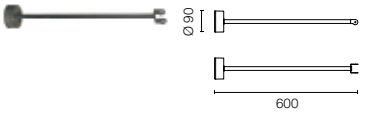
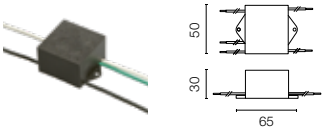
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA52514401 | ○ FA52500301 | ○ FA52500201 |
| ● FA52514406 | ● FA52500306 | ● FA52500206 |
| ● FA52514412 | ● FA52500312 | ● FA52500212 |
| ● FA52514418 | ● FA52500318 | ● FA52500218 |
| ● FA52514430 | ● FA52500330 | ● FA52500230 |
| ● FA52514433 | ● FA52500333 | ● FA52500233 |



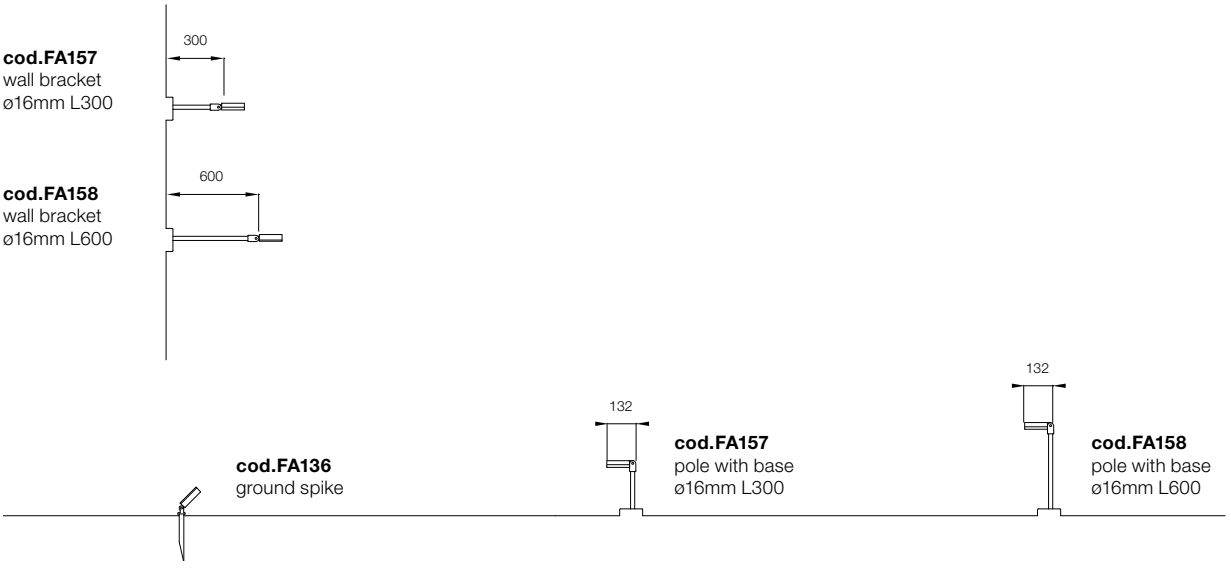




@ 4000K

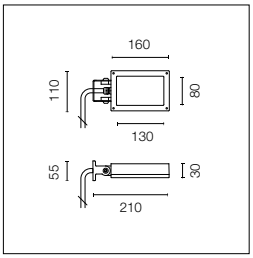
## Perseo 1: Zubehörteile / Accessories

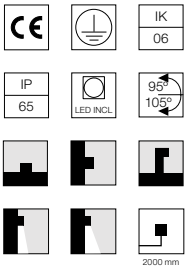
| | | | |
|---|---|---|---|
| Erdspieß. | Ground spike. | FA136 |  |
| Einzelarm / Pole 300mm. | Wall bracket / Pole 300mm. | ○ FA15701<br>● FA15706<br>● FA15712<br>● FA15718<br>● FA15730<br>● FA15733 | |
| Einzelarm / Pole 600mm. | Wall bracket / Pole 600mm. | ○ FA15801<br>● FA15806<br>● FA15812<br>● FA15818<br>● FA15830<br>● FA15833 |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |  |

## Installation scheme: Perseo 1



## Perseo 2



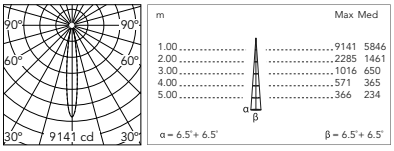

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON- OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 700 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Optionales Zubehör: Erdspieß, Füße für die Bodenmontage und Arme für die Wandmontage (inklusive IP68-Anschluss). Extraklares transparentes Glas.

LED source included. Integrated electrical power supply 220-240V ON- OFF. Fixing bracket included. Equipped with a 700 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional accessories: ground spike; feet for ground mounting and arms for wall mounting (IP68 connector included). Extraclear transparent glass.

**Optic Spot 13°**

**Power Led:** 12W - 1256 lm ≠ OUTPUT 866 lm - 2700K/CRI 80 - 220-240V / 12W - 1395 lm ≠ OUTPUT 963 lm - 3000K/CRI 80 - 220-240V / 12W - 1465 lm ≠ OUTPUT 984 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA52514601 | ○ FA52504301 | ○ FA52504201 |
| ● FA52514606 | ● FA52504306 | ● FA52504206 |
| ● FA52514612 | ● FA52504312 | ● FA52504212 |
| ● FA52514618 | ● FA52504318 | ● FA52504218 |
| ● FA52514630 | ● FA52504330 | ● FA52504230 |
| ● FA52514633 | ● FA52504333 | ● FA52504233 |

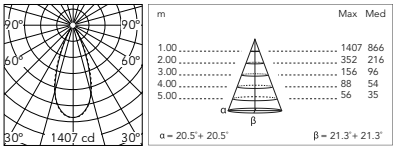



@ 4000K

**Optic Medium 42°**

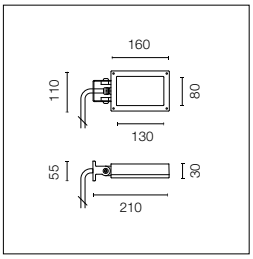
**Power Led:** 12W - 1256 lm ≠ OUTPUT 745 lm - 2700K/CRI 80 - 220-240V / 12W - 1395 lm ≠ OUTPUT 828 lm - 3000K/CRI 80 - 220-240V / 12W - 1465 lm ≠ OUTPUT 846 lm - 4000K/CRI 80 - 220-240V

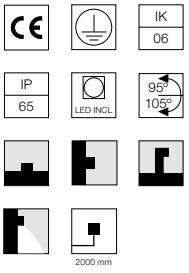
| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA52514801 | ○ FA52505301 | ○ FA52505201 |
| ● FA52514806 | ● FA52505306 | ● FA52505206 |
| ● FA52514812 | ● FA52505312 | ● FA52505212 |
| ● FA52514818 | ● FA52505318 | ● FA52505218 |
| ● FA52514830 | ● FA52505330 | ● FA52505230 |
| ● FA52514833 | ● FA52505333 | ● FA52505233 |




@ 4000K

## Perseo 2 Opal



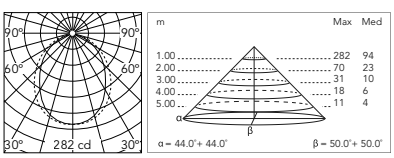

Inklusive LED-Quelle. Integrierte elektrische Stromversorgung 220-240 V ON- OFF. Inklusive Befestigungsbügel. Ausgestattet mit einem 700 mm überstehenden Neoprenkabel und einem Set mit Crimpverbindern und selbstklebenden Schrumpfschläuchen, die die Dichtigkeit des Anschlusses garantieren. Optionales Zubehör: Erdspieß, Füße für die Bodenmontage und Arme für die Wandmontage (inklusive IP68-Anschluss). Mattiertes Glas.

LED source included. Integrated electrical power supply 220-240V ON- OFF. Fixing bracket included. Equipped with a 700 mm protruding section of neoprene cable and a kit with crimpable connectors and adhesive heat-shrinkable sleeves that guarantee the tightness of the connection. Optional accessories: ground spike; feet for ground mounting and arms for wall mounting (IP68 connector included). Frosted glass.

**Diffused Light**

**Mid-Power Led:** 11W - 1114 lm ≠ OUTPUT 580 lm - 2700K/CRI 80 - 220-240V / 11W - 1198 lm ≠ OUTPUT 624 lm - 3000K/CRI 80 - 220-240V / 11W - 1258 lm ≠ OUTPUT 655 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| ○ FA52515001 | ○ FA52503301 | ○ FA52503201 |
| ● FA52515006 | ● FA52503306 | ● FA52503206 |
| ● FA52515012 | ● FA52503312 | ● FA52503212 |
| ● FA52515018 | ● FA52503318 | ● FA52503218 |
| ● FA52515030 | ● FA52503330 | ● FA52503230 |
| ● FA52515033 | ● FA52503333 | ● FA52503233 |

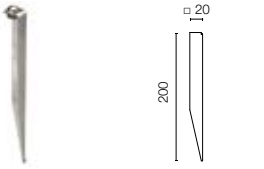
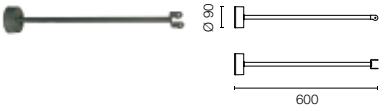
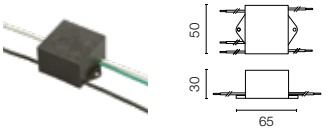



@ 4000K

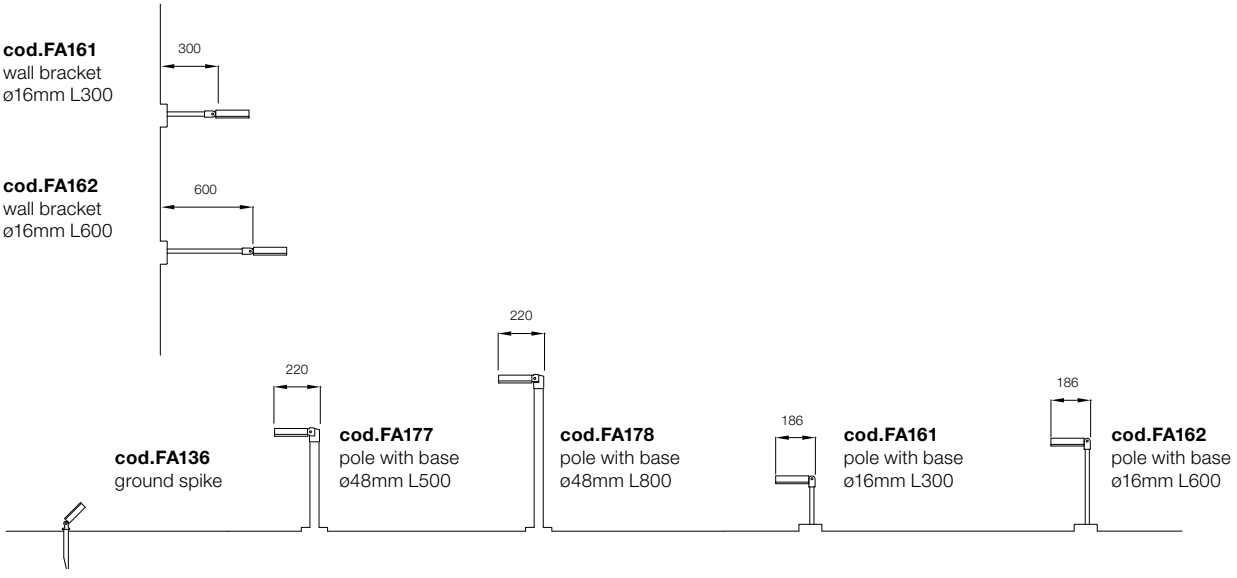
## Perseo 2 / Ø 48mm - Poles With Base

| H 500mm | H 800mm |
|---|---|
| ○ FA17701 | ○ FA17801 |
| ● FA17706 | ● FA17806 |
| ● FA17712 | ● FA17812 |
| ● FA17718 | ● FA17818 |
| ● FA17730 | ● FA17830 |
| ● FA17733 | ● FA17833 |

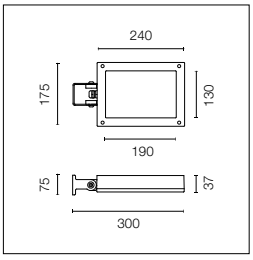
## Perseo 2: Zubehörteile / Accessories

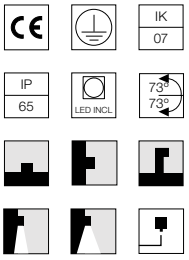
| | | | |
|---|---|---|---|
| Erdspieß. | Ground spike. | FA136 |  |
| Einzelarm / Pole 300mm. | Wall bracket / Pole 300mm. | ○ FA16101<br>● FA16106<br>● FA16112<br>● FA16118<br>● FA16130<br>● FA16133 | |
| Einzelarm / Pole 600mm. | Wall bracket / Pole 600mm. | ○ FA16201<br>● FA16206<br>● FA16212<br>● FA16218<br>● FA16230<br>● FA16233 |  |
| Stiftschraubenplatte. | Base plate with bolt. | FA182 | |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |  |

## Installation scheme: Perseo 2



## Perseo 3




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einer M16x1,5 Kabelführung (für 4,5 mm<ø<10 mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: überstehender Arm für Wände; Füße und Arme, um die Leuchte als Mast zu installieren; Wall-Washer-Visier und Anti-Vandalismus-Schutzdeckel. Extraklares transparentes Glas.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a M16x1.5 cable guide (for 4.5mm<ø<10mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: protruding arm for walls; feet and arms to install the luminaire on a mast; wall-washer visor and anti-vandalism protection lid.
Extraclear transparent glass.

### Optic Spot 11°

**Power Led:** 20W - 2232 lm ≠ OUTPUT 1559 lm - 2700K/CRI 80 - 220-240V / 20W - 2424 lm ≠ OUTPUT 1732 lm - 3000K/CRI 80 - 220-240V / 20W - 2536 lm ≠ OUTPUT 1771 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- FA52515201
- FA52515206
- FA52515212
- FA52515218
- FA52515230
- FA52515233

1-10V
- FA52515201-310
- FA52515206-310
- FA52515212-310
- FA52515218-310
- FA52515230-310
- FA52515233-310

Dali
- FA52515201-300
- FA52515206-300
- FA52515212-300
- FA52515218-300
- FA52515230-300
- FA52515233-300

**3000K**

Non Dimmable
- FA52509301
- FA52509306
- FA52509312
- FA52509318
- FA52509330
- FA52509333

1-10V
- FA52509301-310
- FA52509306-310
- FA52509312-310
- FA52509318-310
- FA52509330-310
- FA52509333-310

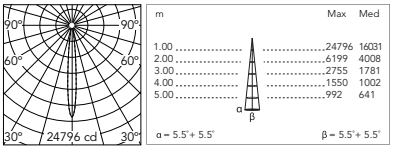
Dali
- FA52509301-300
- FA52509306-300
- FA52509312-300
- FA52509318-300
- FA52509330-300
- FA52509333-300

**4000K**

Non Dimmable
- FA52509201
- FA52509206
- FA52509212
- FA52509218
- FA52509230
- FA52509233

1-10V
- FA52509201-310
- FA52509206-310
- FA52509212-310
- FA52509218-310
- FA52509230-310
- FA52509233-310

Dali
- FA52509201-300
- FA52509206-300
- FA52509212-300
- FA52509218-300
- FA52509230-300
- FA52509233-300




@ 4000K

### Optic Medium 34°

**Power Led:** 20W - 2232 lm ≠ OUTPUT 1582 lm - 2700K/CRI 80 - 220-240V / 20W - 2424 lm ≠ OUTPUT 1757 lm - 3000K/CRI 80 - 220-240V / 20W - 2536 lm ≠ OUTPUT 1797 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- FA52515401
- FA52515406
- FA52515412
- FA52515418
- FA52515430
- FA52515433

1-10V
- FA52515401-310
- FA52515406-310
- FA52515412-310
- FA52515418-310
- FA52515430-310
- FA52515433-310

Dali
- FA52515401-300
- FA52515406-300
- FA52515412-300
- FA52515418-300
- FA52515430-300
- FA52515433-300

**3000K**

Non Dimmable
- FA52508301
- FA52508306
- FA52508312
- FA52508318
- FA52508330
- FA52508333

1-10V
- FA52508301-310
- FA52508306-310
- FA52508312-310
- FA52508318-310
- FA52508330-310
- FA52508333-310

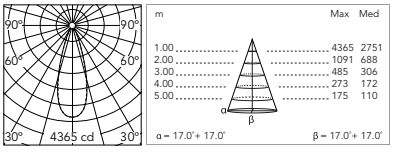
Dali
- FA52508301-300
- FA52508306-300
- FA52508312-300
- FA52508318-300
- FA52508330-300
- FA52508333-300

**4000K**

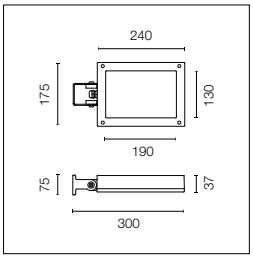
Non Dimmable
- FA52508201
- FA52508206
- FA52508212
- FA52508218
- FA52508230
- FA52508233

1-10V
- FA52508201-310
- FA52508206-310
- FA52508212-310
- FA52508218-310
- FA52508230-310
- FA52508233-310

Dali
- FA52508201-300
- FA52508206-300
- FA52508212-300
- FA52508218-300
- FA52508230-300
- FA52508233-300




@ 4000K




IP 65 · IK 07 · LED INCL · 73° 73°

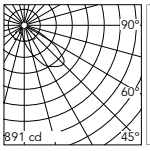
Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON/OFF und dimmbar 1-10V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einer M16x1,5 Kabelführung (für 4,5 mm<ø<10 mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: überstehender Arm für Wände; Füße und Arme, um die Leuchte als Mast zu installieren; Wall-Washer-Visier und Anti-Vandalismus-Schutzdeckel. Extraklares transparentes Glas.

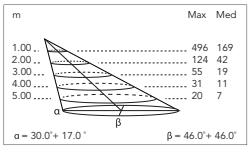
LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a M16x1.5 cable guide (for 4.5mm<ø<10mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: protruding arm for walls; feet and arms to install the luminaire on a mast; wall-washer visor and anti-vandalism protection lid.
Extraclear transparent glass.

**Asymmetric Optic**

**Power Led:** 20W - 2232 lm ≠ OUTPUT 1168 lm - 2700K/CRI 80 - 220-240V / 20W- 2424 lm ≠ OUTPUT 1298 lm - 3000K/CRI 80 - 220-240V / 20W - 2536 lm ≠ OUTPUT 1327 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA52515601 | ○ FA52506301 | ○ FA52506201 |
| ● FA52515606 | ● FA52506306 | ● FA52506206 |
| ● FA52515612 | ● FA52506312 | ● FA52506212 |
| ● FA52515618 | ● FA52506318 | ● FA52506218 |
| ● FA52515630 | ● FA52506330 | ● FA52506230 |
| ● FA52515633 | ● FA52506333 | ● FA52506233 |
| 1-10V | 1-10V | 1-10V |
| ○ FA52515601-310 | ○ FA52506301-310 | ○ FA52506201-310 |
| ● FA52515606-310 | ● FA52506306-310 | ● FA52506206-310 |
| ● FA52515612-310 | ● FA52506312-310 | ● FA52506212-310 |
| ● FA52515618-310 | ● FA52506318-310 | ● FA52506218-310 |
| ● FA52515630-310 | ● FA52506330-310 | ● FA52506230-310 |
| ● FA52515633-310 | ● FA52506333-310 | ● FA52506233-310 |
| Dali | Dali | Dali |
| ○ FA52515601-300 | ○ FA52506301-300 | ○ FA52506201-300 |
| ● FA52515606-300 | ● FA52506306-300 | ● FA52506206-300 |
| ● FA52515612-300 | ● FA52506312-300 | ● FA52506212-300 |
| ● FA52515618-300 | ● FA52506318-300 | ● FA52506218-300 |
| ● FA52515630-300 | ● FA52506330-300 | ● FA52506230-300 |
| ● FA52515633-300 | ● FA52506333-300 | ● FA52506233-300 |



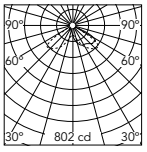



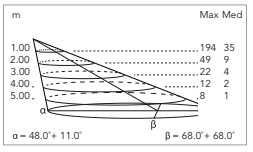

@ 4000K

**Street Light 120°**

**Power Led:** 20W - 2232 lm ≠ OUTPUT 972 lm - 2700K/CRI 80 - 220-240V / 20W - 2424 lm ≠ OUTPUT 1080 lm - 3000K/CRI 80 - 220-240V / 20W - 2536 lm ≠ OUTPUT 1105 lm - 4000K/CRI 80 - 220-240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA52515801 | ○ FA52507301 | ○ FA52507201 |
| ● FA52515806 | ● FA52507306 | ● FA52507206 |
| ● FA52515812 | ● FA52507312 | ● FA52507212 |
| ● FA52515818 | ● FA52507318 | ● FA52507218 |
| ● FA52515830 | ● FA52507330 | ● FA52507230 |
| ● FA52515833 | ● FA52507333 | ● FA52507233 |
| 1-10V | 1-10V | 1-10V |
| ○ FA52515801-310 | ○ FA52507301-310 | ○ FA52507201-310 |
| ● FA52515806-310 | ● FA52507306-310 | ● FA52507206-310 |
| ● FA52515812-310 | ● FA52507312-310 | ● FA52507212-310 |
| ● FA52515818-310 | ● FA52507318-310 | ● FA52507218-310 |
| ● FA52515830-310 | ● FA52507330-310 | ● FA52507230-310 |
| ● FA52515833-310 | ● FA52507333-310 | ● FA52507233-310 |
| Dali | Dali | Dali |
| ○ FA52515801-300 | ○ FA52507301-300 | ○ FA52507201-300 |
| ● FA52515806-300 | ● FA52507306-300 | ● FA52507206-300 |
| ● FA52515812-300 | ● FA52507312-300 | ● FA52507212-300 |
| ● FA52515818-300 | ● FA52507318-300 | ● FA52507218-300 |
| ● FA52515830-300 | ● FA52507330-300 | ● FA52507230-300 |
| ● FA52515833-300 | ● FA52507333-300 | ● FA52507233-300 |




@ 4000K

## Perseo 3 LED / Ø 48mm - Poles

Mit Boden. / With Base

**H 800mm**

- FA17901
- FA17906
- FA17912
- FA17918
- FA17930
- FA17933

Bodeneinbau (+300 mm Wurzel)

Da Interrare (+300 mm Interrati)

**H 2000mm**

- FA18001
- FA18006
- FA18012
- FA18018
- FA18030
- FA18033

## Perseo 3 LED / Ø 76mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door.
With Terminal Block 4x1,5-16mmq.

**H 3500mm**

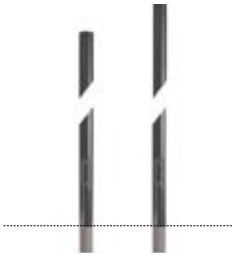
- FA24806
- FA24833

**H 4500mm**

- FA24906
- FA24933

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq



**H 3500mm**

- FA25006
- FA25033

**H 4500mm**

- FA25106
- FA25133

## Perseo 3 LED / Ø 102mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door .
With Terminal Block 4x1,5-16mmq.

**H 4000mm**

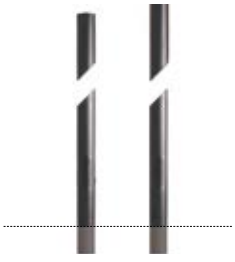
- FA414006
- FA414033

**H 5000mm**

- FA415006
- FA415033

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq



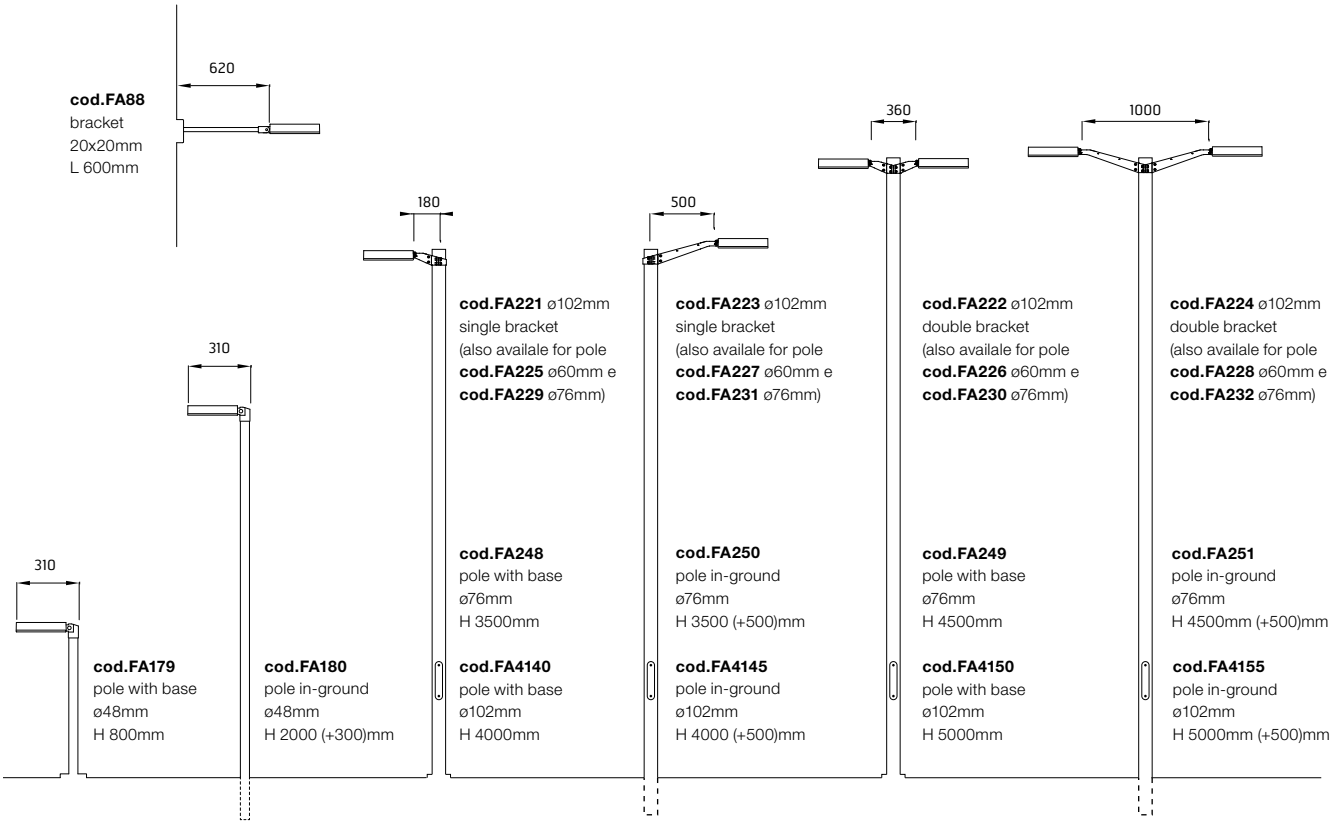
**H 4000mm**

- FA414506
- FA414533

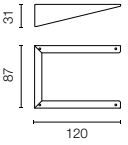
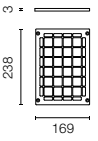
**H 5000mm**

- FA415506
- FA415533

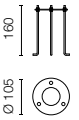
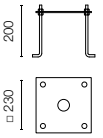
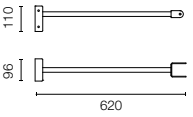
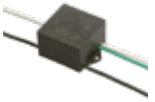
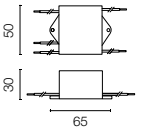
## Installation scheme: Perseo 3



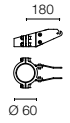
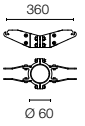
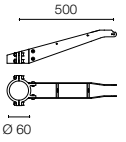
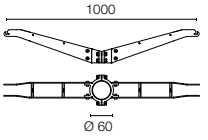

## Perseo 3: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Wall-Washer Visier | Wall Washer Visor | FA16530 | |  |
| Anti-Vandalismus-Außendeckel | Anti vandal louvre | FA16630 | |  |

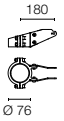
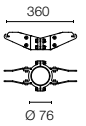
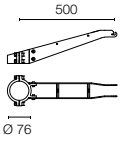
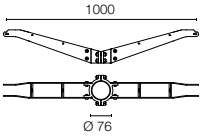
## Perseo 3: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Stiftschraubenplatte. | Base plate with bolt. | FA182 | |  |
| Stiftschraubenplatte. | Base plate with bolt. | FA116 | |  |
| Arm für Wand 620 mm. | Wall bracket 620mm. | ○ FA8801<br>● FA8806<br>● FA8812<br>● FA8818<br>● FA8830<br>● FA8833 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |  |  |

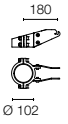
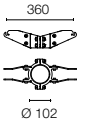
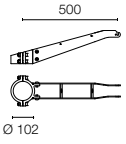
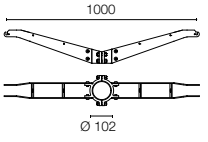
## Perseo 3 Ø 60mm

| | | | | |
|---|---|---|---|---|
| Einzelarm 180 mm.<br>Für Pfosten Ø 60 mm. | Single bracket 180mm.<br>For pole Ø 60mm. | ● FA22506<br>● FA22533 | |  |
| Doppelarm 180 mm.<br>Für Pfosten Ø 60 mm. | Double bracket 180mm.<br>For pole Ø 60mm. | ● FA22606<br>● FA22633 | |  |
| Einzelarm 500 mm.<br>Für Pfosten Ø 60 mm. | Single bracket 500mm.<br>For pole Ø 60mm. | ● FA22706<br>● FA22733 | |  |
| Doppelarm 500 mm.<br>Für Pfosten Ø 60 mm. | Double bracket 500mm.<br>For pole Ø 60mm. | ● FA22806<br>● FA22833 | |  |

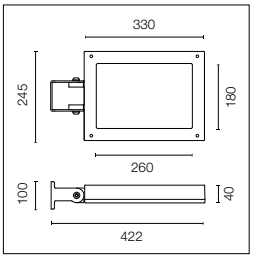
## Perseo 3 Ø 76mm

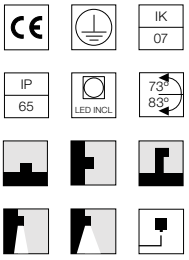
| | | | | |
|---|---|---|---|---|
| Einzelarm 180 mm.<br>Für Pfosten Ø 76 mm. | Single bracket 180mm.<br>For pole Ø 76mm. | ○ FA22906<br>● FA22933 | |  |
| Doppelarm 180 mm.<br>Für Pfosten Ø 76 mm. | Double bracket 180mm.<br>For pole Ø 76mm. | ○ FA23006<br>● FA23033 | |  |
| Einzelarm 500 mm.<br>Für Pfosten Ø 76 mm. | Single bracket 500mm.<br>For pole Ø 76mm. | ○ FA23106<br>● FA23133 | |  |
| Doppelarm 500 mm.<br>Für Pfosten Ø 76 mm. | Double bracket 500mm.<br>For pole Ø 76mm. | ○ FA23206<br>● FA23233 | |  |

## Perseo 3 Ø 102mm

| | | | | |
|---|---|---|---|---|
| Einzelarm 180 mm.<br>Für Pfosten Ø 102 mm. | Single bracket 180mm.<br>For pole Ø 102mm. | ○ FA22106<br>● FA22133 | |  |
| Doppelarm 180 mm.<br>Für Pfosten Ø 102 mm. | Double bracket 180mm.<br>For pole Ø 102mm. | ○ FA22206<br>● FA22233 | |  |
| Einzelarm 500 mm.<br>Für Pfosten Ø 102 mm. | Single bracket 500mm.<br>For pole Ø 102mm. | ○ FA22306<br>● FA22333 | |  |
| Doppelarm 500 mm.<br>Für Pfosten Ø 102 mm. | Double bracket 500mm.<br>For pole Ø 102mm. | ○ FA22406<br>● FA22433 | |  |

## Perseo 4




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V. Inklusive Befestigungsbügel. Ausgestattet mit einer M20x1,5 Kabelführung (für 7 mm<ø<13 mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: überstehender Arm für Wände; Füße und Arme, um die Leuchte als Mast zu installieren; Wall-Washer-Visier und Anti-Vandalismus-Schutzdeckel. Extraklares transparentes Glas.

LED source included. Integrated power supply 220-240V. Graduated fixing bracket included. Equipped with a M20x1.5 cable guide (for 7mm<ø<13mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: protruding arm for walls; feet and arms to install the luminaire on a mast; wall-washer visor and anti-vandalism protection lid. Extraclear transparent glass.

### Optic Spot 11°

**Power Led:** 53W - 5859 lm ≠ OUTPUT 3989 lm - 2700K/CRI 80 - 220-240V / 53W - 6363 lm ≠ OUTPUT 4332 lm - 3000K/CRI 80 - 220-240V / 53W - 6657 lm ≠ OUTPUT 4533 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ FA52516001
- ● FA52516006
- ● FA52516012
- ● FA52516018
- ● FA52516030
- ● FA52516033

1-10V
- ○ FA52516001-310
- ● FA52516006-310
- ● FA52516012-310
- ● FA52516018-310
- ● FA52516030-310
- ● FA52516033-310

Dali
- ○ FA52516001-300
- ● FA52516006-300
- ● FA52516012-300
- ● FA52516018-300
- ● FA52516030-300
- ● FA52516033-300

**3000K**

Non Dimmable
- ○ FA52513301
- ● FA52513306
- ● FA52513312
- ● FA52513318
- ● FA52513330
- ● FA52513333

1-10V
- ○ FA52513301-310
- ● FA52513306-310
- ● FA52513312-310
- ● FA52513318-310
- ● FA52513330-310
- ● FA52513333-310

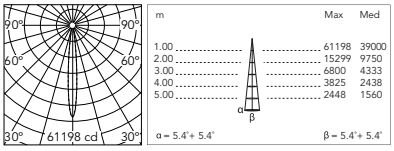
Dali
- ○ FA52513301-300
- ● FA52513306-300
- ● FA52513312-300
- ● FA52513318-300
- ● FA52513330-300
- ● FA52513333-300

**4000K**

Non Dimmable
- ○ FA52513201
- ● FA52513206
- ● FA52513212
- ● FA52513218
- ● FA52513230
- ● FA52513233

1-10V
- ○ FA52513201-310
- ● FA52513206-310
- ● FA52513212-310
- ● FA52513218-310
- ● FA52513230-310
- ● FA52513233-310

Dali
- ○ FA52513201-300
- ● FA52513206-300
- ● FA52513212-300
- ● FA52513218-300
- ● FA52513230-300
- ● FA52513233-300




@ 4000K

### Optic Medium 34°

**Power Led:** 53W - 5859 lm ≠ OUTPUT 4056 lm - 2700K/CRI 80 - 220-240V / 53W - 6363 lm ≠ OUTPUT 4405 lm - 3000K/CRI 80 - 220-240V / 53W - 6657 lm ≠ OUTPUT 4609 lm - 4000K/CRI 80 - 220-240V

**2700K**

Non Dimmable
- ○ FA52516201
- ● FA52516206
- ● FA52516212
- ● FA52516218
- ● FA52516230
- ● FA52516233

1-10V
- ○ FA52516201-310
- ● FA52516206-310
- ● FA52516212-310
- ● FA52516218-310
- ● FA52516230-310
- ● FA52516233-310

Dali
- ○ FA52516201-300
- ● FA52516206-300
- ● FA52516212-300
- ● FA52516218-300
- ● FA52516230-300
- ● FA52516233-300

**3000K**

Non Dimmable
- ○ FA52512301
- ● FA52512306
- ● FA52512312
- ● FA52512318
- ● FA52512330
- ● FA52512333

1-10V
- ○ FA52512301-310
- ● FA52512306-310
- ● FA52512312-310
- ● FA52512318-310
- ● FA52512330-310
- ● FA52512333-310

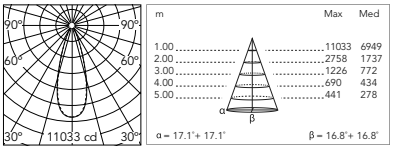
Dali
- ○ FA52512301-300
- ● FA52512306-300
- ● FA52512312-300
- ● FA52512318-300
- ● FA52512330-300
- ● FA52512333-300

**4000K**

Non Dimmable
- ○ FA52512201
- ● FA52512206
- ● FA52512212
- ● FA52512218
- ● FA52512230
- ● FA52512233

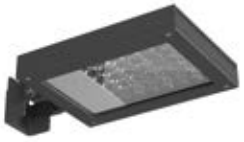
1-10V
- ○ FA52512201-310
- ● FA52512206-310
- ● FA52512212-310
- ● FA52512218-310
- ● FA52512230-310
- ● FA52512233-310

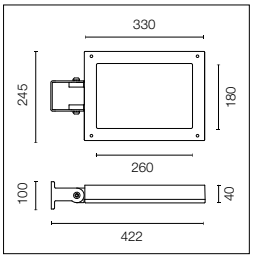
Dali
- ○ FA52512201-300
- ● FA52512206-300
- ● FA52512212-300
- ● FA52512218-300
- ● FA52512230-300
- ● FA52512233-300

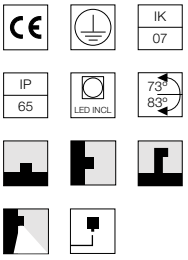



@ 4000K

## Perseo 4





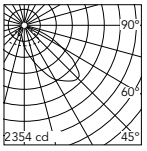



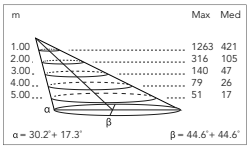

Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V ON-OFF und dimmbar 1-10V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einer M20x1,5 Kabelführung (für 7 mm<ø<13 mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: überstehender Arm für Wände; Füße und Arme, um die Leuchte als Mast zu installieren; Wall-Washer-Visier und Anti-Vandalismus-Schutzdeckel. Extraklares transparentes Glas.

LED source included. Integrated power supply 220-240V ON-OFF and dimmable 1-10V or DALI. Graduated fixing bracket included. Equipped with a M20x1.5 cable guide (for 7mm<ø<13mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: protruding arm for walls; feet and arms to install the luminaire on a mast; wall-washer visor and anti-vandalism protection lid. Extraclear transparent glass.

### Asymmetric Optic

**Power Led:** 53W - 5859 lm ≠ OUTPUT 3085 lm - 2700K/CRI 80 - 220-240V / 53W - 6363 lm ≠ OUTPUT 3350 lm - 3000K/CRI 80 - 220-240V / 53W - 6657 lm ≠ OUTPUT 3505 lm - 4000K/CRI 80 - 220-240V



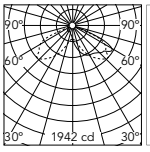



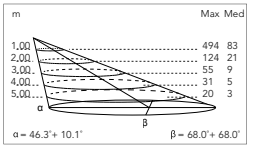

@ 4000K

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA52516401 | ○ FA52510301 | ○ FA52510201 |
| ● FA52516406 | ● FA52510306 | ● FA52510206 |
| ● FA52516412 | ● FA52510312 | ● FA52510212 |
| ● FA52516418 | ● FA52510318 | ● FA52510218 |
| ● FA52516430 | ● FA52510330 | ● FA52510230 |
| ● FA52516433 | ● FA52510333 | ● FA52510233 |
| 1-10V | 1-10V | 1-10V |
| ○ FA52516401-310 | ○ FA52510301-310 | ○ FA52510201-310 |
| ● FA52516406-310 | ● FA52510306-310 | ● FA52510206-310 |
| ● FA52516412-310 | ● FA52510312-310 | ● FA52510212-310 |
| ● FA52516418-310 | ● FA52510318-310 | ● FA52510218-310 |
| ● FA52516430-310 | ● FA52510330-310 | ● FA52510230-310 |
| ● FA52516433-310 | ● FA52510333-310 | ● FA52510233-310 |
| Dali | Dali | Dali |
| ○ FA52516401-300 | ○ FA52510301-300 | ○ FA52510201-300 |
| ● FA52516406-300 | ● FA52510306-300 | ● FA52510206-300 |
| ● FA52516412-300 | ● FA52510312-300 | ● FA52510212-300 |
| ● FA52516418-300 | ● FA52510318-300 | ● FA52510218-300 |
| ● FA52516430-300 | ● FA52510330-300 | ● FA52510230-300 |
| ● FA52516433-300 | ● FA52510333-300 | ● FA52510233-300 |

### Street Light 120°

**Power Led:** 53W - 5859 lm ≠ OUTPUT 2609 lm - 2700K/CRI 80 - 220-240V / 53W - 6363 lm ≠ OUTPUT 2834 lm - 3000K/CRI 80 - 220-240V / 53W - 6657 lm ≠ OUTPUT 2965 lm - 4000K/CRI 80 - 220-240V

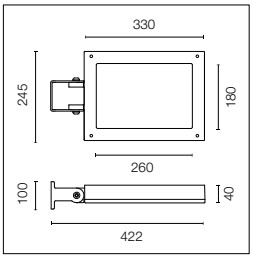


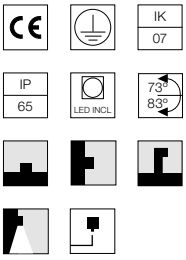




@ 4000K

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA52516601 | ○ FA52511301 | ○ FA52511201 |
| ● FA52516606 | ● FA52511306 | ● FA52511206 |
| ● FA52516612 | ● FA52511312 | ● FA52511212 |
| ● FA52516618 | ● FA52511318 | ● FA52511218 |
| ● FA52516630 | ● FA52511330 | ● FA52511230 |
| ● FA52516633 | ● FA52511333 | ● FA52511233 |
| 1-10V | 1-10V | 1-10V |
| ○ FA52516601-310 | ○ FA52511301-310 | ○ FA52511201-310 |
| ● FA52516606-310 | ● FA52511306-310 | ● FA52511206-310 |
| ● FA52516612-310 | ● FA52511312-310 | ● FA52511212-310 |
| ● FA52516618-310 | ● FA52511318-310 | ● FA52511218-310 |
| ● FA52516630-310 | ● FA52511330-310 | ● FA52511230-310 |
| ● FA52516633-310 | ● FA52511333-310 | ● FA52511233-310 |
| Dali | Dali | Dali |
| ○ FA52516601-300 | ○ FA52511301-300 | ○ FA52511201-300 |
| ● FA52516606-300 | ● FA52511306-300 | ● FA52511206-300 |
| ● FA52516612-300 | ● FA52511312-300 | ● FA52511212-300 |
| ● FA52516618-300 | ● FA52511318-300 | ● FA52511218-300 |
| ● FA52516630-300 | ● FA52511330-300 | ● FA52511230-300 |
| ● FA52516633-300 | ● FA52511333-300 | ● FA52511233-300 |

## Perseo 4 RGB




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240V. Inklusive Befestigungsbügel. Ausgestattet mit einer M20x1,5 Kabelführung (für 7 mm<ø<13 mm Kabel) und IP68 Anschluss. Um die Dichtigkeit der Kabelführung zu gewährleisten, wird empfohlen, flexible Elektrokabel zu verwenden, die für den Außeneinsatz geeignet sind. Optionales Zubehör: überstehender Arm für Wände; Füße und Arme, um die Leuchte als Mast zu installieren; Wall-Washer-Visier und Anti-Vandalismus-Schutzdeckel. Extraklares transparentes Glas.

**Kabeldiagramm und RGB-System-Installation.**

Siehe Kabeldiagramm Nr. 8, Seite 783.

LED source included. Integrated power supply 220-240V. Graduated fixing bracket included. Equipped with a M20x1.5 cable guide (for 7mm<ø<13mm cables) and IP68 connector. To ensure the tightness of the cable guide it's recommended to use flexible electric cables suitable for exterior use. Optional accessories: protruding arm for walls; feet and arms to install the luminaire on a mast; wall-washer visor and anti-vandalism protection lid. Extraclear transparent glass.

**Wiring diagram and installation scheme RGB.**

See Wiring Diagram n.8 Page 783.

**Optic Medium 40º**

**RGB Power Led:** 35W - 220-240V with DMX interface.

**RGB**

- ○ FA52512401
- ● FA52512406
- ● FA52512412
- ● FA52512418
- ● FA52512430
- ● FA52512433

## Perseo 4 LED / Ø 76mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door.
With Terminal Block 4x1,5-16mmq.

**H 3500mm**

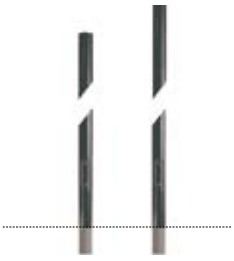
- FA24806
- FA24833

**H 4500mm**

- FA24906
- FA24933

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq



**H 3500mm**

- FA25006
- FA25033

**H 4500mm**

- FA25106
- FA25133

## Perseo 4 LED / Ø 102mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door .
With Terminal Block 4x1,5-16mmq.

**H 4000mm**

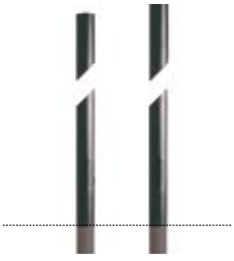
- FA414006
- FA414033

**H 5000mm**

- FA415006
- FA415033

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq



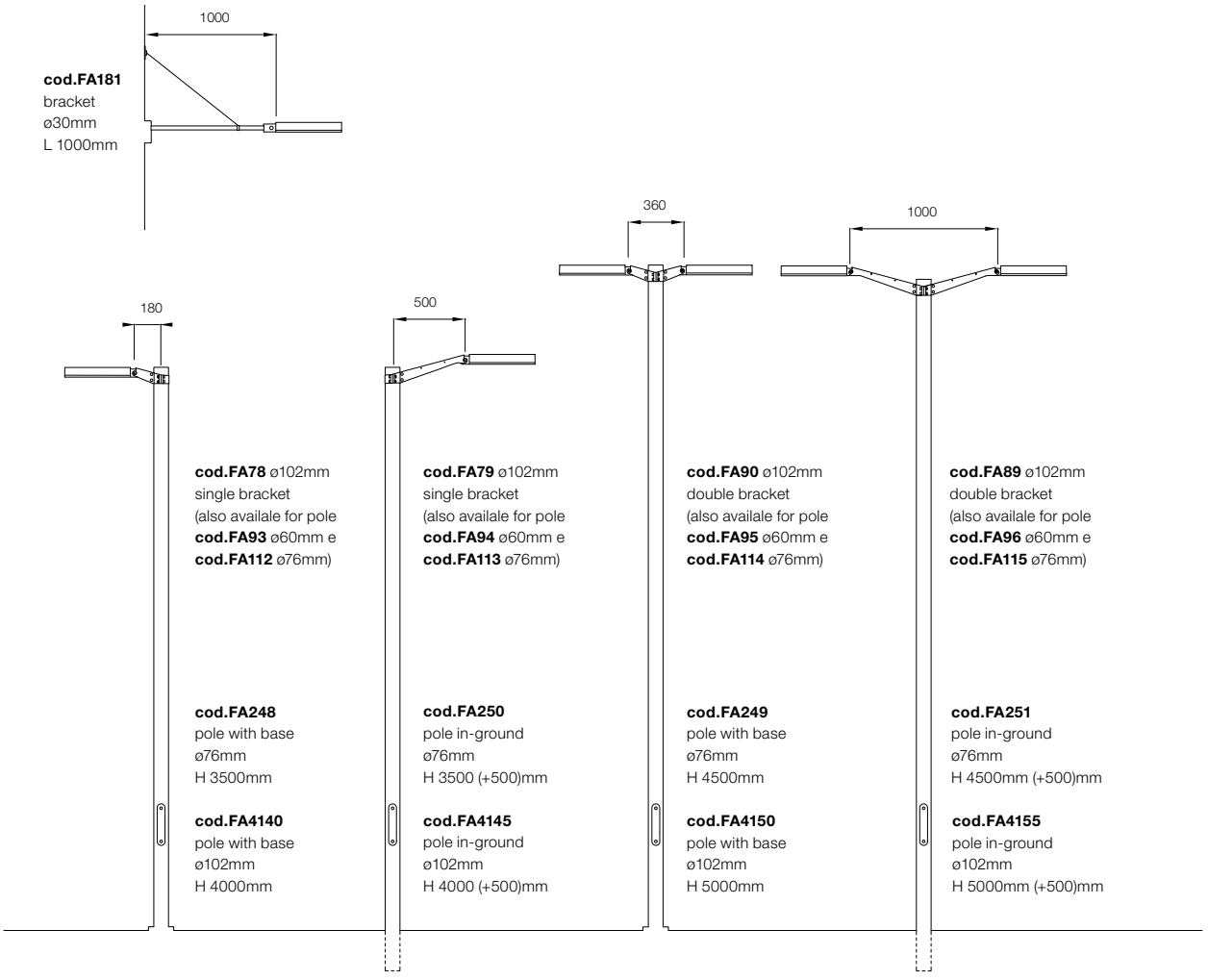
**H 4000mm**

- FA414506
- FA414533

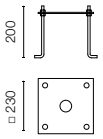
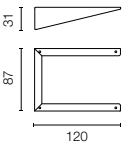
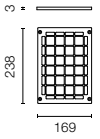
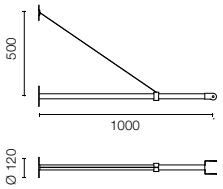
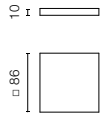
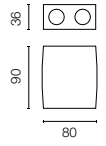
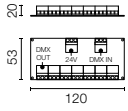
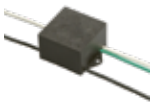
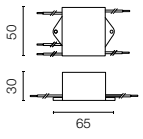
**H 5000mm**

- FA415506
- FA415533

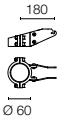
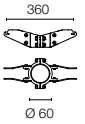
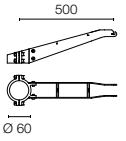
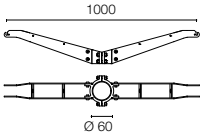
## Installation scheme: Perseo 4



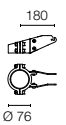
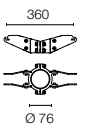
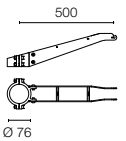
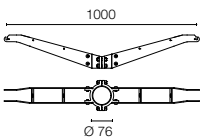
## Perseo 4: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Stiftschraubenplatte. | Base plate with bolt. | FA116 | |   |
| Wall-Washer Visier | Wall Washer Visor | FA16730 | |   |
| Anti-Vandalismus-Außendeckel | Anti vandal louvre | FA16830 | |   |
| Arm für Wand 1000 mm. | Wall bracket 1000mm. | ○ FA18101<br>● FA18106<br>● FA18112<br>● FA18118<br>● FA18130<br>● FA18133 | |   |
| DMX-Controller; Dimmer-Schalter für Einbaudose. (60 mm Lochmitte). | DMX controller; dimmer switch for recessed box (60mm hole centres). | RGB version<br>F990B10A000 | |   |
| DMX Controller; Stand-Alone/PC-Schnittstelle. | DMX controller; stand-alone/PC interface. | RGB version<br>F990B11A000 | |   |
| DMX-Verteiler 512 - elektronisches Gerät zur Regenerierung des monodirektionalen DMX-Signal. 1 Eingang und 7 Ausgänge, 12-24 V Gleichstrom. Stromversorgung nicht enthalten. | DMX splitter 512 - electronic device to regenerate the monodirectional DMX signal 1 Input and 7 output, 12-24Vdc. Power supply not included. | RGB version<br>F990B13A000 | |   |
| Geschirmtes DMX-Kabel mit konstantem Widerstand (110 Ohm). | DMX cable - shielded twisted pair with 110 Ohm constant impedance. | RGB version<br>F990B12A000 | | |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |  |   |

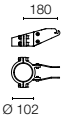
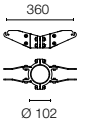
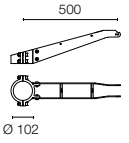
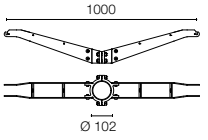
## Perseo 4 Ø 60mm

| | | | | |
|---|---|---|---|---|
| Einzelarm 180 mm.<br>Für Pfosten Ø 60 mm. | Single bracket 180mm.<br>For pole Ø 60mm. | ○ FA9306<br>● FA9333 | |  |
| Doppelarm 180 mm.<br>Für Pfosten Ø 60 mm. | Double bracket 180mm.<br>For pole Ø 60mm. | ○ FA9506<br>● FA9533 | |  |
| Einzelarm 500 mm.<br>Für Pfosten Ø 60 mm. | Single bracket 500mm.<br>For pole Ø 60mm. | ○ FA9406<br>● FA9433 | |  |
| Doppelarm 500 mm.<br>Für Pfosten Ø 60 mm. | Double bracket 500mm.<br>For pole Ø 60mm. | ○ FA9606<br>● FA9633 | |  |

## Perseo 4 Ø 76mm

| | | | | |
|---|---|---|---|---|
| Einzelarm 180 mm.<br>Für Pfosten Ø 76 mm. | Single bracket 180mm.<br>For pole Ø 76mm. | ○ FA11206<br>● FA11233 | |  |
| Doppelarm 180 mm.<br>Für Pfosten Ø 76 mm. | Double bracket 180mm.<br>For pole Ø 76mm. | ○ FA11406<br>● FA11433 | |  |
| Einzelarm 500 mm.<br>Für Pfosten Ø 76 mm. | Single bracket 500mm.<br>For pole Ø 76mm. | ○ FA11306<br>● FA11333 | |  |
| Doppelarm 500 mm.<br>Für Pfosten Ø 76 mm. | Double bracket 500mm.<br>For pole Ø 76mm. | ○ FA11506<br>● FA11533 | |  |

## Perseo 4 Ø 102mm

| | | | | |
|---|---|---|---|---|
| Einzelarm 180 mm.<br>Für Pfosten Ø 102 mm. | Single bracket 180mm.<br>For pole Ø 102mm. | ○ FA7806<br>● FA7833 | |  |
| Doppelarm 180 mm.<br>Für Pfosten Ø 102 mm. | Double bracket 180mm.<br>For pole Ø 102mm. | ○ FA9006<br>● FA9033 | |  |
| Einzelarm 500 mm.<br>Für Pfosten Ø 102 mm. | Single bracket 500mm.<br>For pole Ø 102mm. | ○ FA7906<br>● FA7933 | |  |
| Doppelarm 500 mm.<br>Für Pfosten Ø 102 mm. | Double bracket 500mm.<br>For pole Ø 102mm. | ○ FA8906<br>● FA8933 | |  |

## Dooku

Dooku

## Familie / Family

Dooku 400 Wall



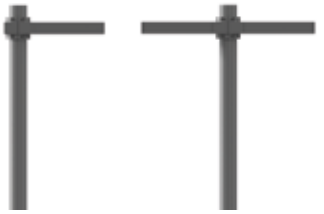
**Power Led**
up to 39W
up to 2946 lm - 2700K/CRI 80
up to 3168 lm - 3000K/CRI 80
up to 3374 lm - 4000K/CRI 80
* Net lumen output

Dooku 400 Pole/Double Pole Ø76

**Power Led**
up to 39W
up to 3389 lm - 2700K/CRI 80
up to 3631 lm - 3000K/CRI 80
up to 3752 lm - 4000K/CRI 80
* Net lumen output

**Power Led**
up to 2x39W
up to 2x3389 lm - 2700K/CRI 80
up to 2x3631 lm - 3000K/CRI 80
up to 2x3752 lm - 4000K/CRI 80
* Net lumen output

Dooku 400 Pole/Double Pole Ø102



**Power Led**
up to 39W
up to 3389 lm - 2700K/CRI 80
up to 3631 lm - 3000K/CRI 80
up to 3752 lm - 4000K/CRI 80
* Net lumen output

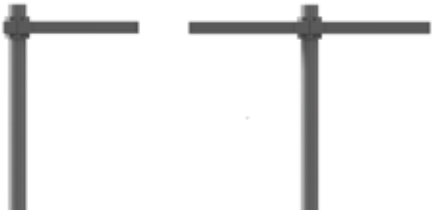
**Power Led**
up to 2x39W
up to 2x3389 lm - 2700K/CRI 80
up to 2x3631 lm - 3000K/CRI 80
up to 2x3752 lm - 4000K/CRI 80
* Net lumen output

Dooku 600 Pole/Double Pole Ø76

**Power Led**
up to 78W
up to 6779 lm - 2700K/CRI 80
up to 7263 lm - 3000K/CRI 80
up to 7505 lm - 4000K/CRI 80
* Net lumen output

**Power Led**
up to 2x78W
up to 2x6779 lm - 2700K/CRI 80
up to 2x7263 lm - 3000K/CRI 80
up to 2x7505 lm - 4000K/CRI 80
* Net lumen output

Dooku 600 Pole/Double Pole Ø102



**Power Led**
up to 78W
up to 6779 lm - 2700K/CRI 80
up to 7263 lm - 3000K/CRI 80
up to 7505 lm - 4000K/CRI 80
* Net lumen output

**Power Led**
up to 2x78W
up to 2x6779 lm - 2700K/CRI 80
up to 2x7263 lm - 3000K/CRI 80
up to 2x7505 lm - 4000K/CRI 80
* Net lumen output

## Ausführungen / Colours

06 Grey

33 Anthracite

## Beschreibung / Description

Komplette Familie von neigbaren Projektionsleuchten mit LED-Quelle zur Wandmontage und Installation als Mast. Erhältlich in zwei Längen und mit verschiedenen Optiken für jede Dimension, einschließlich Optiken für städtische Anwendungen. Gehäuse und Verschlüsse aus stranggepresstem Aluminiumdruckguss EN AB-47100 (mit geringem Kupferanteil). Extraklarer Diffusor mit Siebdruckkante, mit einem Roboterklebesystem an der Lampe befestigt. In verschiedenen Ausführungen erhältlich, mit doppelschichtiger Pulverbeschichtung und chemischer Oberflächenbehandlung, um eine hohe Korrosionsbeständigkeit zu gewährleisten. Ausgestattet mit einem Neoprenkabel und einem IP68-Anschluss, um einen einfachen, sicheren und wasserdichten Anschluss zu gewährleisten.

**Dooku 400 Wall**
Neigbare Projektionsleuchten zur Wandmontage. Erhältlich in zwei Abstrahlwinkeln: symmetrisch und asymmetrisch für öffentliche, private und städtische Bereiche, offene Bereiche und Parkhäuser. Ausgestattet mit einem Neoprenkabel und einem IP68-Anschluss, um einen einfachen, sicheren und wasserdichten Anschluss zu gewährleisten. Der Befestigungsbügel aus Zink ermöglicht eine Neigung um ca. 90º auf der vertikalen Achse.

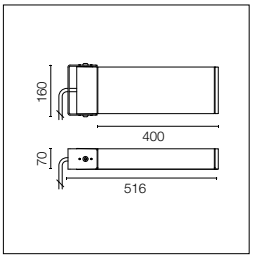
**Dooku 400 / 600 Top Pole**
Mast-Leuchten zur Montage auf Pfosten. Erhältlich in zwei Längen, mit unterschiedlicher Leistung und vier Abstrahlwinkeln: symmetrisch, asymmetrisch, städtischer Standard-Lichtstrahl und ein spezieller städtischer Lichtstrahl für Fußgänger- und Fahrradwege im städtischen Umfeld. Ausgestattet mit einem Neoprenkabel und IP68-Anschlüssen, um einen einfachen, sicheren und wasserdichten Anschluss zu gewährleisten. Vervollständigt durch eine Reihe von Zylinderpfosten in verschiedenen Durchmessern und Höhen, die versenkt oder mit einer Ankerplatte und Zugschrauben befestigt werden können.

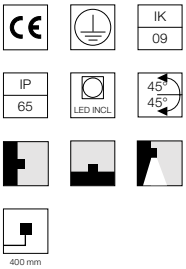
Complete family of tiltable projection luminaires with LED source for wall mounting and installation on masts. Available in two lengths and with different optics for every dimension, including optics for urban uses. Extruded EN AB-47100 die cast aluminum body and closing parts (with low copper content). Extraclear glass diffuser with silkscreen edge, attached with a robotic gluing system. Available in different finishes, with double-layered powder coating and chemical conversion surface treatment to ensure high corrosion resistance. Equipped with a neoprene cable section and IP68 connector to guarantee an easy, safe, and watertight connection.

**Dooku 400 Wall**
Tiltable projection luminaires for wall mounting. Available with two beam angles: symmetrical and asymmetrical for public, private, and urban areas, open spaces, or parking lots. Equipped with a neoprene cable section and IP68 connector to guarantee an easy, safe, and watertight connection. The zinc fixing bracket allows for a tilting of approx. 90º on the vertical axis.

**Dooku 400 / 600 Top Pole**
Mast luminaires for mounting on poles. Available in two lengths, with different output and four beam angles: symmetrical, asymmetrical, urban standard beam and a specific urban beam for pedestrian and bicycle lanes in urban contexts. Equipped with a neoprene cable section and IP68 connectors to guarantee an easy, safe, and watertight connection. Completed with a series of cylinder posts in different diameters and heights that can be ground recessed or fixed with an anchor plate and lag screws.

## Dooku 400 – Wall



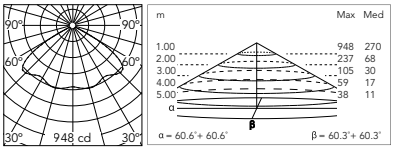

Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Anschlüssen. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Smart-City version available upon request.

**Optic 120° (Wide Spaces - Public Areas - Parking Areas)**

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3389 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3631 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3752 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53907606 | ○ FA53907506 | ○ FA53907406 |
| ● FA53907633 | ● FA53907533 | ● FA53907433 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53907606-310 | ○ FA53907506-310 | ○ FA53907406-310 |
| ● FA53907633-310 | ● FA53907533-310 | ● FA53907433-310 |
| Dali | Dali | Dali |
| ○ FA53907606-300 | ○ FA53907506-300 | ○ FA53907406-300 |
| ● FA53907633-300 | ● FA53907533-300 | ● FA53907433-300 |

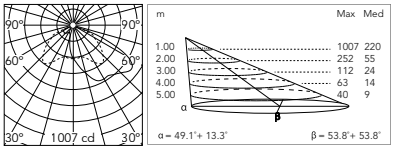



@ 3000K

**Asymmetric Optic**

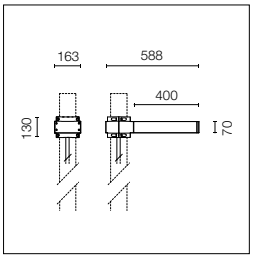
**Power Led:** 39W - 4122 lm ≠ OUTPUT 3173 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3400 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3513 lm - 4000K/CRI 80 - 220÷240V

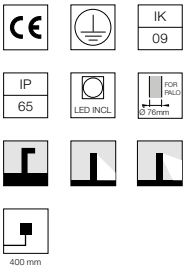
| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53913006 | ○ FA53914806 | ○ FA53916606 |
| ● FA53913033 | ● FA53914833 | ● FA53916633 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53913006-310 | ○ FA53914806-310 | ○ FA53916606-310 |
| ● FA53913033-310 | ● FA53914833-310 | ● FA53916633-310 |
| Dali | Dali | Dali |
| ○ FA53913006-300 | ○ FA53914806-300 | ○ FA53916606-300 |
| ● FA53913033-300 | ● FA53914833-300 | ● FA53916633-300 |




@ 3000K

## Dooku 400 - Single Top Pole ø76




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Individuelle Fassung für 76-mm-Pfosten. Der Pfosten muss separat bestellt werden.. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Single socket for 76mm diameter post. The post must be ordered separately. Smart-City version available upon request.

### Optic 120° (Wide Spaces - Public Areas - Parking Areas)

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3389 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3631 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3752 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53907806
- FA53907833

1-10V
- FA53907806-310
- FA53907833-310

Dali
- FA53907806-300
- FA53907833-300

**3000K**

Non Dimmable
- FA53903906
- FA53903933

1-10V
- FA53903906-310
- FA53903933-310

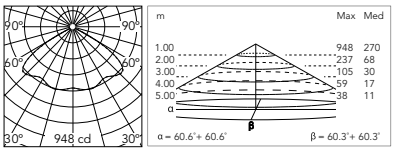
Dali
- FA53903906-300
- FA53903933-300

**4000K**

Non Dimmable
- FA53903806
- FA53903833

1-10V
- FA53903806-310
- FA53903833-310

Dali
- FA53903806-300
- FA53903833-300




@ 3000K

### Asymmetric Optic

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3173 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3400 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3513 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53913206
- FA53913233

1-10V
- FA53913206-310
- FA53913233-310

Dali
- FA53913206-300
- FA53913233-300

**3000K**

Non Dimmable
- FA53915006
- FA53915033

1-10V
- FA53915006-310
- FA53915033-310

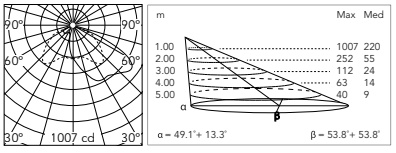
Dali
- FA53915006-300
- FA53915033-300

**4000K**

Non Dimmable
- FA53916806
- FA53916833

1-10V
- FA53916806-310
- FA53916833-310

Dali
- FA53916806-300
- FA53916833-300




@ 3000K

### Street Light Optic

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3102 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3323 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3434 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53908006
- FA53908033

1-10V
- FA53908006-310
- FA53908033-310

Dali
- FA53908006-300
- FA53908033-300

**3000K**

Non Dimmable
- FA53904206
- FA53904233

1-10V
- FA53904206-310
- FA53904233-310

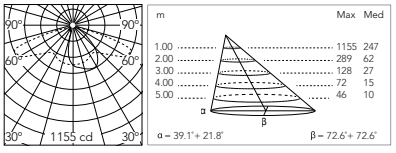
Dali
- FA53904206-300
- FA53904233-300

**4000K**

Non Dimmable
- FA53904106
- FA53904133

1-10V
- FA53904106-310
- FA53904133-310

Dali
- FA53904106-300
- FA53904133-300




@ 3000K

### Street Light Optic (Foot and Cycle Paths)

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3130 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3354 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3466 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53908206
- FA53908233

1-10V
- FA53908206-310
- FA53908233-310

Dali
- FA53908206-300
- FA53908233-300

**3000K**

Non Dimmable
- FA53904506
- FA53904533

1-10V
- FA53904506-310
- FA53904533-310

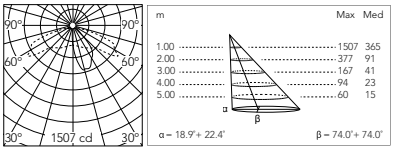
Dali
- FA53904506-300
- FA53904533-300

**4000K**

Non Dimmable
- FA53904406
- FA53904433

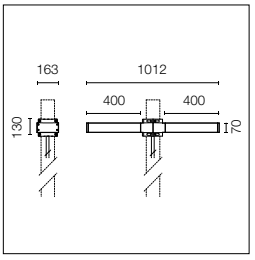
1-10V
- FA53904406-310
- FA53904433-310

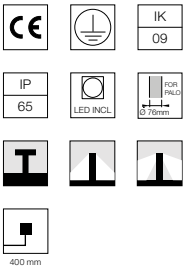
Dali
- FA53904406-300
- FA53904433-300




@ 3000K

## Dooku 400 - Double Top Pole ø76




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Doppelte Fassung für 76-mm-Pfosten. Der Pfosten muss separat bestellt werden. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Double socket for 76mm diameter post. The post must be ordered separately. Smart-City version available upon request.

### Optic 120° (Wide Spaces - Public Areas - Parking Areas)

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3389 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3631 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3752 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53908406
- FA53908433

1-10V
- FA53908406-310
- FA53908433-310

Dali
- FA53908406-300
- FA53908433-300

**3000K**

Non Dimmable
- FA53904806
- FA53904833

1-10V
- FA53904806-310
- FA53904833-310

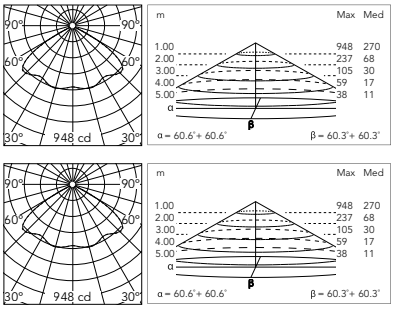
Dali
- FA53904806-300
- FA53904833-300

**4000K**

Non Dimmable
- FA53904706
- FA53904733

1-10V
- FA53904706-310
- FA53904733-310

Dali
- FA53904706-300
- FA53904733-300




#### Asymmetric Optic

@ 3000K

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3173 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3400 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3513 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53913406
- FA53913433

1-10V
- FA53913406-310
- FA53913433-310

Dali
- FA53913406-300
- FA53913433-300

**3000K**

Non Dimmable
- FA53915206
- FA53915233

1-10V
- FA53915206-310
- FA53915233-310

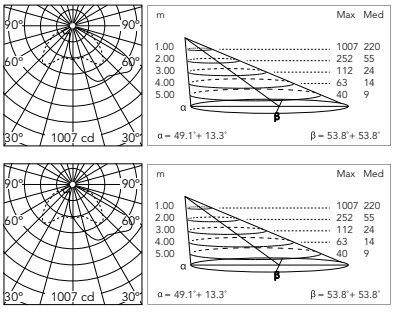
Dali
- FA53915206-300
- FA53915233-300

**4000K**

Non Dimmable
- FA53917006
- FA53917033

1-10V
- FA53917006-310
- FA53917033-310

Dali
- FA53917006-300
- FA53917033-300




#### Street Light Optic

@ 3000K

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3102 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3323 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3434 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53908606
- FA53908633

1-10V
- FA53908606-310
- FA53908633-310

Dali
- FA53908606-300
- FA53908633-300

**3000K**

Non Dimmable
- FA53905106
- FA53905133

1-10V
- FA53905106-310
- FA53905133-310

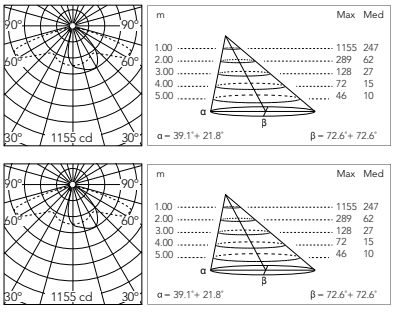
Dali
- FA53905106-300
- FA53905133-300

**4000K**

Non Dimmable
- FA53905006
- FA53905033

1-10V
- FA53905006-310
- FA53905033-310

Dali
- FA53905006-300
- FA53905033-300




#### Street Light Optic (Foot and Cycle Paths)

@ 3000K

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3130 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3354 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3466 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53908806
- FA53908833

1-10V
- FA53908806-310
- FA53908833-310

Dali
- FA53908806-300
- FA53908833-300

**3000K**

Non Dimmable
- FA53905406
- FA53905433

1-10V
- FA53905406-310
- FA53905433-310

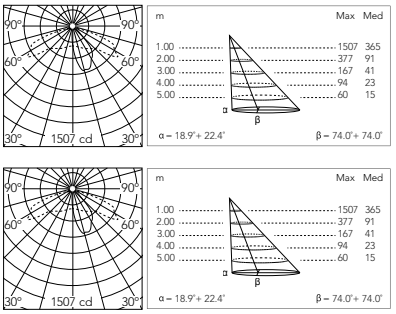
Dali
- FA53905406-300
- FA53905433-300

**4000K**

Non Dimmable
- FA53905306
- FA53905333

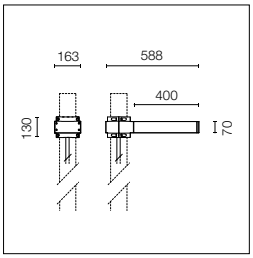
1-10V
- FA53905306-310
- FA53905333-310

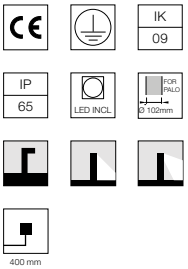
Dali
- FA53905306-300
- FA53905333-300




@ 3000K

## Dooku 400 - Single Top Pole ø102




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Individuelle Fassung für 102-mm-Pfosten. Der Pfosten muss separat bestellt werden.. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Smart-City version available upon request.Single socket for 102mm diameter post. The post must be ordered separately. Smart-City version available upon request.

### Optic 120° (Wide Spaces - Public Areas - Parking Areas)

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3389 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3631 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3752 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53909006
- FA53909033

1-10V
- FA53909006-310
- FA53909033-310

Dali
- FA53909006-300
- FA53909033-300

**3000K**

Non Dimmable
- FA53905706
- FA53905733

1-10V
- FA53905706-310
- FA53905733-310

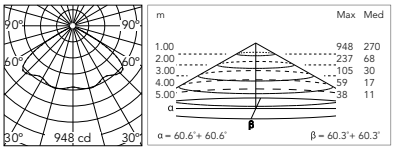
Dali
- FA53905706-300
- FA53905733-300

**4000K**

Non Dimmable
- FA53905606
- FA53905633

1-10V
- FA53905606-310
- FA53905633-310

Dali
- FA53905606-300
- FA53905633-300




@ 3000K

### Asymmetric Optic

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3173 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3400 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3513 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53913606
- FA53913633

1-10V
- FA53913606-310
- FA53913633-310

Dali
- FA53913606-300
- FA53913633-300

**3000K**

Non Dimmable
- FA53915406
- FA53915433

1-10V
- FA53915406-310
- FA53915433-310

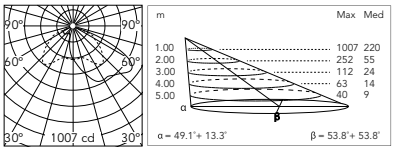
Dali
- FA53915406-300
- FA53915433-300

**4000K**

Non Dimmable
- FA53917206
- FA53917233

1-10V
- FA53917206-310
- FA53917233-310

Dali
- FA53917206-300
- FA53917233-300




@ 3000K

### Street Light Optic

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3102 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3323 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3434 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53909206
- FA53909233

1-10V
- FA53909206-310
- FA53909233-310

Dali
- FA53909206-300
- FA53909233-300

**3000K**

Non Dimmable
- FA53906006
- FA53906033

1-10V
- FA53906006-310
- FA53906033-310

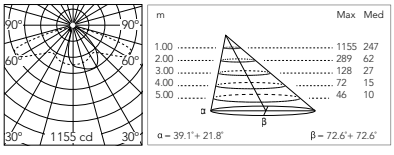
Dali
- FA53906006-300
- FA53906033-300

**4000K**

Non Dimmable
- FA53905906
- FA53905933

1-10V
- FA53905906-310
- FA53905933-310

Dali
- FA53905906-300
- FA53905933-300




@ 3000K

### Street Light Optic (Foot and Cycle Paths)

**Power Led:** 39W - 4122 lm ≠ OUTPUT 3130 lm - 2700K/CRI 80 - 220÷240V / 39W - 4416 lm ≠ OUTPUT 3354 lm - 3000K/CRI 80 - 220÷240V / 39W - 4563 lm ≠ OUTPUT 3466 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53909406
- FA53909433

1-10V
- FA53909406-310
- FA53909433-310

Dali
- FA53909406-300
- FA53909433-300

**3000K**

Non Dimmable
- FA53906306
- FA53906333

1-10V
- FA53906306-310
- FA53906333-310

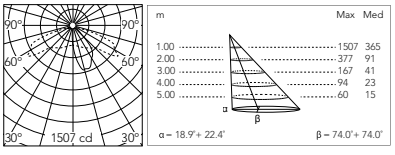
Dali
- FA53906306-300
- FA53906333-300

**4000K**

Non Dimmable
- FA53906206
- FA53906233

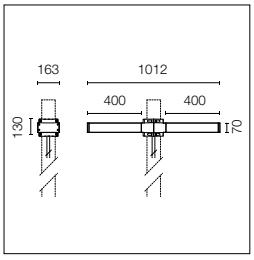
1-10V
- FA53906206-310
- FA53906233-310

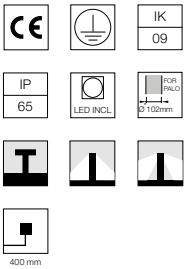
Dali
- FA53906206-300
- FA53906233-300




@ 3000K

## Dooku 400 - Double Top Pole ø102




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Doppelte Fassung für 102-mm-Pfosten. Der Pfosten muss separat bestellt werden. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Double socket for 102mm diameter post. The post must be ordered separately. Smart-City version available upon request.

### Optic 120° (Wide Spaces - Public Areas - Parking Areas)

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3389 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3631 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3752 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53909606
- FA53909633

1-10V
- FA53909606-310
- FA53909633-310

Dali
- FA53909606-300
- FA53909633-300

**3000K**

Non Dimmable
- FA53906606
- FA53906633

1-10V
- FA53906606-310
- FA53906633-310

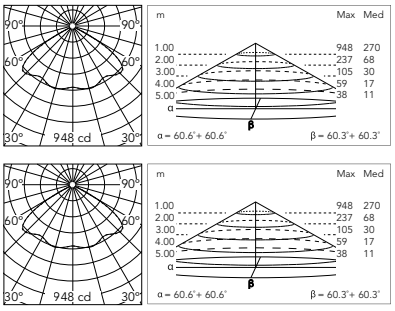
Dali
- FA53906606-300
- FA53906633-300

**4000K**

Non Dimmable
- FA53906506
- FA53906533

1-10V
- FA53906506-310
- FA53906533-310

Dali
- FA53906506-300
- FA53906533-300




#### Asymmetric Optic

@ 3000K

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3173 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3400 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3513 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53913806
- FA53913833

1-10V
- FA53913806-310
- FA53913833-310

Dali
- FA53913806-300
- FA53913833-300

**3000K**

Non Dimmable
- FA53915606
- FA53915633

1-10V
- FA53915606-310
- FA53915633-310

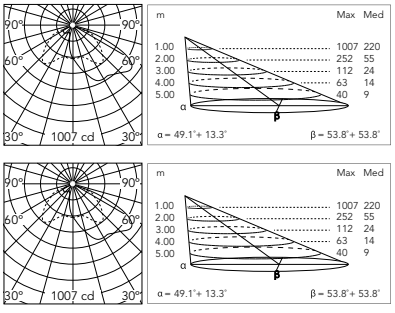
Dali
- FA53915606-300
- FA53915633-300

**4000K**

Non Dimmable
- FA53917406
- FA53917433

1-10V
- FA53917406-310
- FA53917433-310

Dali
- FA53917406-300
- FA53917433-300




#### Street Light Optic

@ 3000K

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3102 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3323 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3434 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53909806
- FA53909833

1-10V
- FA53909806-310
- FA53909833-310

Dali
- FA53909806-300
- FA53909833-300

**3000K**

Non Dimmable
- FA53906906
- FA53906933

1-10V
- FA53906906-310
- FA53906933-310

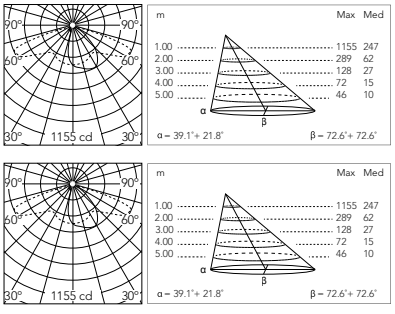
Dali
- FA53906906-300
- FA53906933-300

**4000K**

Non Dimmable
- FA53906806
- FA53906833

1-10V
- FA53906806-310
- FA53906833-310

Dali
- FA53906806-300
- FA53906833-300




#### Street Light Optic (Foot and Cycle Paths)

@ 3000K

**Power Led:** 39W - 2x4122 lm ≠ OUTPUT 2x3130 lm - 2700K/CRI 80 - 220÷240V / 39W - 2x4416 lm ≠ OUTPUT 2x3354 lm - 3000K/CRI 80 - 220÷240V / 39W - 2x4563 lm ≠ OUTPUT 2x3466 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53910006
- FA53910033

1-10V
- FA53910006-310
- FA53910033-310

Dali
- FA53910006-300
- FA53910033-300

**3000K**

Non Dimmable
- FA53907206
- FA53907233

1-10V
- FA53907206-310
- FA53907233-310

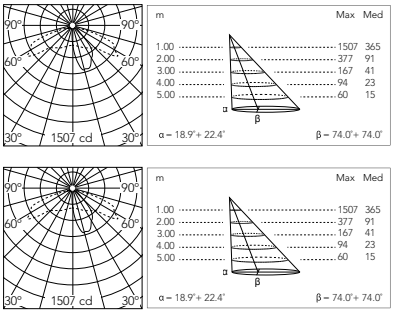
Dali
- FA53907206-300
- FA53907233-300

**4000K**

Non Dimmable
- FA53907106
- FA53907133

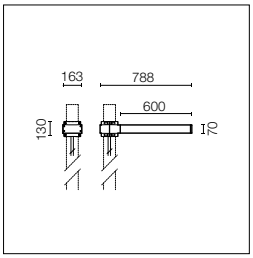
1-10V
- FA53907106-310
- FA53907133-310

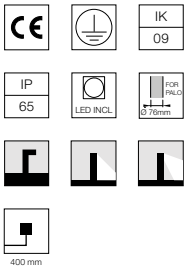
Dali
- FA53907106-300
- FA53907133-300




@ 3000K

## Dooku 600 - Single Top Pole ø76




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Individuelle Fassung für 76-mm-Pfosten. Der Pfosten muss separat bestellt werden.. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Smart-City version available upon request.Single socket for 76mm diameter post. The post must be ordered separately. Smart-City version available upon request.

### Optic 120° (Wide Spaces - Public Areas - Parking Areas)

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6779 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 7263 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 7505 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53910206
- FA53910233

1-10V
- FA53910206-310
- FA53910233-310

Dali
- FA53910206-300
- FA53910233-300

**3000K**

Non Dimmable
- FA53900306
- FA53900333

1-10V
- FA53900306-310
- FA53900333-310

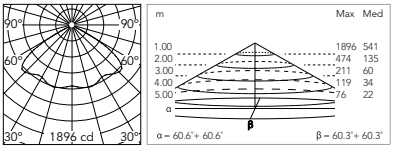
Dali
- FA53900306-300
- FA53900333-300

**4000K**

Non Dimmable
- FA53900206
- FA53900233

1-10V
- FA53900206-310
- FA53900233-310

Dali
- FA53900206-300
- FA53900233-300




@ 3000K

### Asymmetric Optic

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6347 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 6800 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 7027 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53914006
- FA53914033

1-10V
- FA53914006-310
- FA53914033-310

Dali
- FA53914006-300
- FA53914033-300

**3000K**

Non Dimmable
- FA53915806
- FA53915833

1-10V
- FA53915806-310
- FA53915833-310

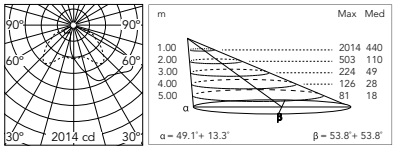
Dali
- FA53915806-300
- FA53915833-300

**4000K**

Non Dimmable
- FA53917606
- FA53917633

1-10V
- FA53917606-310
- FA53917633-310

Dali
- FA53917606-300
- FA53917633-300




@ 3000K

### Street Light Optic

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6203 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 6646 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 6868 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53910406
- FA53910433

1-10V
- FA53910406-310
- FA53910433-310

Dali
- FA53910406-300
- FA53910433-300

**3000K**

Non Dimmable
- FA53900606
- FA53900633

1-10V
- FA53900606-310
- FA53900633-310

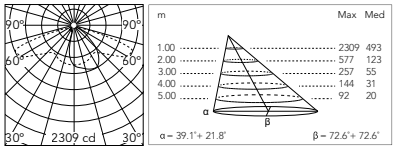
Dali
- FA53900606-300
- FA53900633-300

**4000K**

Non Dimmable
- FA53900506
- FA53900533

1-10V
- FA53900506-310
- FA53900533-310

Dali
- FA53900506-300
- FA53900533-300




@ 3000K

### Street Light Optic (Foot and Cycle Paths)

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6261 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 6708 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 6932 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53910606
- FA53910633

1-10V
- FA53910606-310
- FA53910633-310

Dali
- FA53910606-300
- FA53910633-300

**3000K**

Non Dimmable
- FA53900906
- FA53900933

1-10V
- FA53900906-310
- FA53900933-310

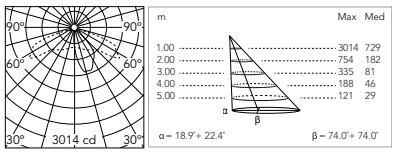
Dali
- FA53900906-300
- FA53900933-300

**4000K**

Non Dimmable
- FA53900806
- FA53900833

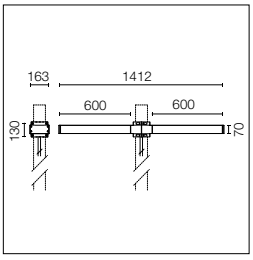
1-10V
- FA53900806-310
- FA53900833-310

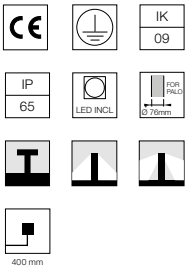
Dali
- FA53900806-300
- FA53900833-300




@ 3000K

## Dooku 600 - Double Top Pole ø76




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Doppelte Fassung für 76-mm-Pfosten. Der Pfosten muss separat bestellt werden. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Double socket for 76mm diameter post. The post must be ordered separately. Smart-City version available upon request.

### Optic 120° (Wide Spaces - Public Areas - Parking Areas)

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6779 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x7263 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x7505 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53910806
- FA53910833

1-10V
- FA53910806-310
- FA53910833-310

Dali
- FA53910806-300
- FA53910833-300

**3000K**

Non Dimmable
- FA53901206
- FA53901233

1-10V
- FA53901206-310
- FA53901233-310

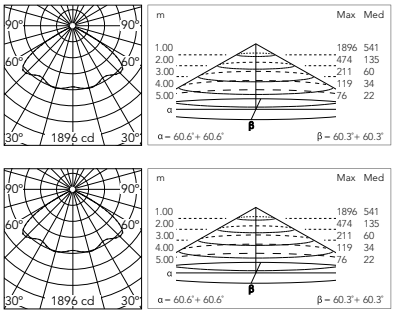
Dali
- FA53901206-300
- FA53901233-300

**4000K**

Non Dimmable
- FA53901106
- FA53901133

1-10V
- FA53901106-310
- FA53901133-310

Dali
- FA53901106-300
- FA53901133-300




### Asymmetric Optic

@ 3000K

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6347 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x6800 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x7027 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53914206
- FA53914233

1-10V
- FA53914206-310
- FA53914233-310

Dali
- FA53914206-300
- FA53914233-300

**3000K**

Non Dimmable
- FA53916006
- FA53916033

1-10V
- FA53916006-310
- FA53916033-310

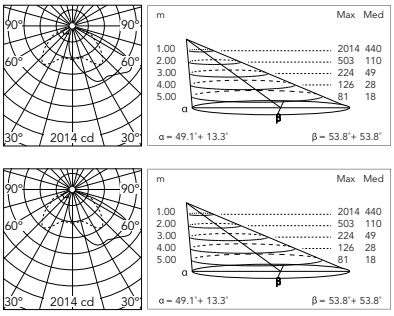
Dali
- FA53916006-300
- FA53916033-300

**4000K**

Non Dimmable
- FA53917806
- FA53917833

1-10V
- FA53917806-310
- FA53917833-310

Dali
- FA53917806-300
- FA53917833-300




### Street Light Optic

@ 3000K

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6203 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x6646 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x6868 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53911006
- FA53911033

1-10V
- FA53911006-310
- FA53911033-310

Dali
- FA53911006-300
- FA53911033-300

**3000K**

Non Dimmable
- FA53901506
- FA53901533

1-10V
- FA53901506-310
- FA53901533-310

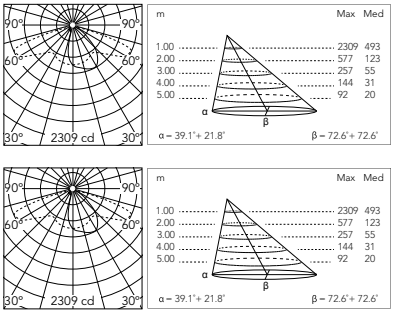
Dali
- FA53901506-300
- FA53901533-300

**4000K**

Non Dimmable
- FA53901406
- FA53901433

1-10V
- FA53901406-310
- FA53901433-310

Dali
- FA53901406-300
- FA53901433-300




### Street Light Optic (Foot and Cycle Paths)

@ 3000K

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6261 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x6708 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x6932 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53911206
- FA53911233

1-10V
- FA53911206-310
- FA53911233-310

Dali
- FA53911206-300
- FA53911233-300

**3000K**

Non Dimmable
- FA53901806
- FA53901833

1-10V
- FA53901806-310
- FA53901833-310

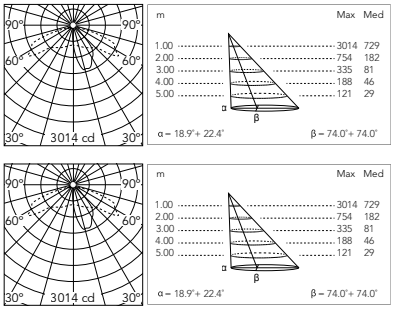
Dali
- FA53901806-300
- FA53901833-300

**4000K**

Non Dimmable
- FA53901706
- FA53901733

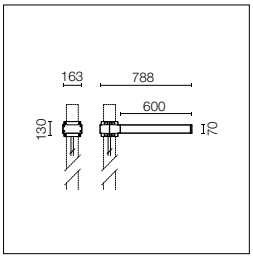
1-10V
- FA53901706-310
- FA53901733-310

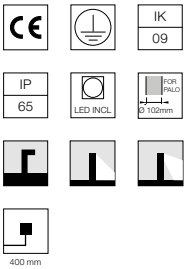
Dali
- FA53901706-300
- FA53901733-300




@ 3000K

## Dooku 600 - Single Top Pole ø102




Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Individuelle Fassung für 102-mm-Pfosten. Der Pfosten muss separat bestellt werden.. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Smart-City version available upon request.Single socket for 102mm diameter post. The post must be ordered separately. Smart-City version available upon request.

### Optic 120° (Wide Spaces - Public Areas - Parking Areas)

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6779 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 7263 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 7505 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53911406
- FA53911433

1-10V
- FA53911406-310
- FA53911433-310

Dali
- FA53911406-300
- FA53911433-300

**3000K**

Non Dimmable
- FA53902106
- FA53902133

1-10V
- FA53902106-310
- FA53902133-310

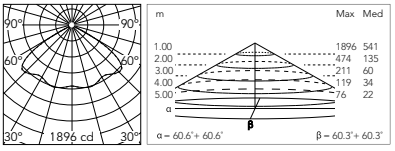
Dali
- FA53902106-300
- FA53902133-300

**4000K**

Non Dimmable
- FA53902006
- FA53902033

1-10V
- FA53902006-310
- FA53902033-310

Dali
- FA53902006-300
- FA53902033-300




@ 3000K

### Asymmetric Optic

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6347 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 6800 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 7027 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53914406
- FA53914433

1-10V
- FA53914406-310
- FA53914433-310

Dali
- FA53914406-300
- FA53914433-300

**3000K**

Non Dimmable
- FA53916206
- FA53916233

1-10V
- FA53916206-310
- FA53916233-310

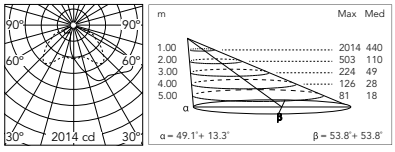
Dali
- FA53916206-300
- FA53916233-300

**4000K**

Non Dimmable
- FA53918006
- FA53918033

1-10V
- FA53918006-310
- FA53918033-310

Dali
- FA53918006-300
- FA53918033-300




@ 3000K

### Street Light Optic

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6203 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 6646 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 6868 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53911606
- FA53911633

1-10V
- FA53911606-310
- FA53911633-310

Dali
- FA53911606-300
- FA53911633-300

**3000K**

Non Dimmable
- FA53902406
- FA53902433

1-10V
- FA53902406-310
- FA53902433-310

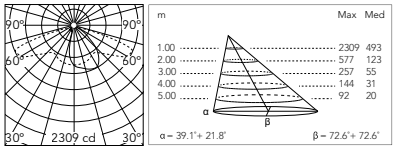
Dali
- FA53902406-300
- FA53902433-300

**4000K**

Non Dimmable
- FA53902306
- FA53902333

1-10V
- FA53902306-310
- FA53902333-310

Dali
- FA53902306-300
- FA53902333-300




@ 3000K

### Street Light Optic (Foot and Cycle Paths)

**Power Led:** 78W - 8243 lm ≠ OUTPUT 6261 lm - 2700K/CRI 80 - 220÷240V / 78W - 8832 lm ≠ OUTPUT 6708 lm - 3000K/CRI 80 - 220÷240V / 78W - 9126 lm ≠ OUTPUT 6932 lm - 4000K/CRI 80 - 220÷240V

**2700K**

Non Dimmable
- FA53911806
- FA53911833

1-10V
- FA53911806-310
- FA53911833-310

Dali
- FA53911806-300
- FA53911833-300

**3000K**

Non Dimmable
- FA53902706
- FA53902733

1-10V
- FA53902706-310
- FA53902733-310

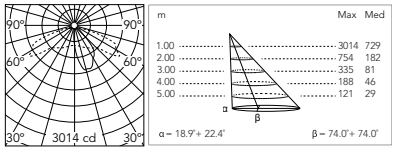
Dali
- FA53902706-300
- FA53902733-300

**4000K**

Non Dimmable
- FA53902606
- FA53902633

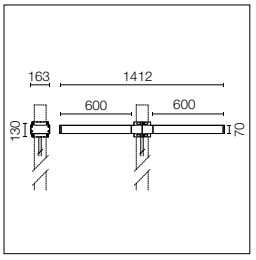
1-10V
- FA53902606-310
- FA53902633-310

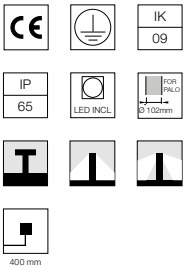
Dali
- FA53902606-300
- FA53902633-300




@ 3000K

## Dooku 600 - Double Top Pole ø102



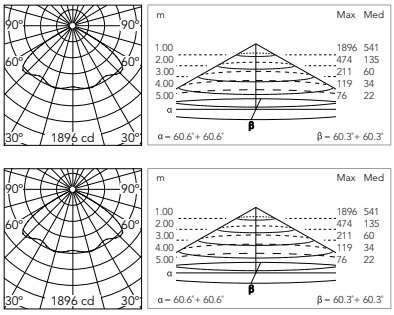

Inklusive LED-Quelle. Integrierte Stromversorgung 220-240 V ON/OFF und dimmbar 1-10 V oder DALI. Inklusive Befestigungsbügel. Ausgestattet mit einem 400 mm überstehenden Neoprenkabel und IP68-Doppelte Fassung für 102-mm-Pfosten. Der Pfosten muss separat bestellt werden. Smart-City-Version auf Anfrage erhältlich.

LED source included. Integrated power supply 220-240V ON/OFF and dimmable 1-10V or DALI. Fixing bracket included. Equipped with a 400mm protruding neoprene cable section and IP68 connectors. Double socket for 102mm diameter post. The post must be ordered separately. Smart-City version available upon request.

### Optic 120° (Wide Spaces - Public Areas - Parking Areas)

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6779 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x7263 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x7505 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53912006 | ○ FA53903006 | ○ FA53902906 |
| ● FA53912033 | ● FA53903033 | ● FA53902933 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53912006-310 | ○ FA53903006-310 | ○ FA53902906-310 |
| ● FA53912033-310 | ● FA53903033-310 | ● FA53902933-310 |
| Dali | Dali | Dali |
| ○ FA53912006-300 | ○ FA53903006-300 | ○ FA53902906-300 |
| ● FA53912033-300 | ● FA53903033-300 | ● FA53902933-300 |

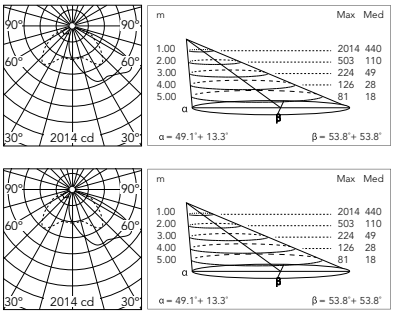



### Asymmetric Optic

@ 3000K

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6347 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x6800 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x7027 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53914606 | ○ FA53916406 | ○ FA53918206 |
| ● FA53914633 | ● FA53916433 | ● FA53918233 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53914606-310 | ○ FA53916406-310 | ○ FA53918206-310 |
| ● FA53914633-310 | ● FA53916433-310 | ● FA53918233-310 |
| Dali | Dali | Dali |
| ○ FA53914606-300 | ○ FA53916406-300 | ○ FA53918206-300 |
| ● FA53914633-300 | ● FA53916433-300 | ● FA53918233-300 |

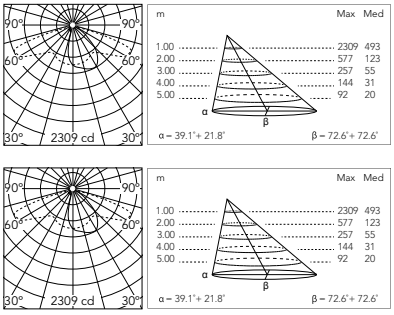



### Street Light Optic

@ 3000K

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6203 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x6646 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x6868 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53912206 | ○ FA53903306 | ○ FA53903206 |
| ● FA53912233 | ● FA53903333 | ● FA53903233 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53912206-310 | ○ FA53903306-310 | ○ FA53903206-310 |
| ● FA53912233-310 | ● FA53903333-310 | ● FA53903233-310 |
| Dali | Dali | Dali |
| ○ FA53912206-300 | ○ FA53903306-300 | ○ FA53903206-300 |
| ● FA53912233-300 | ● FA53903333-300 | ● FA53903233-300 |

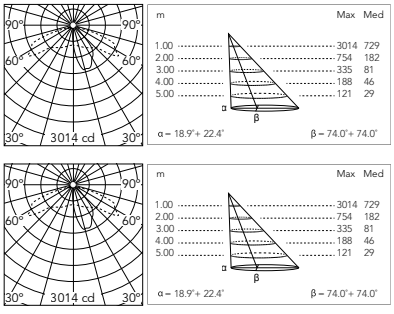



### Street Light Optic (Foot and Cycle Paths)

@ 3000K

**Power Led:** 78W - 2x8243 lm ≠ OUTPUT 2x6261 lm - 2700K/CRI 80 - 220÷240V / 78W - 2x8832 lm ≠ OUTPUT 2x6708 lm - 3000K/CRI 80 - 220÷240V / 78W - 2x9126 lm ≠ OUTPUT 2x6932 lm - 4000K/CRI 80 - 220÷240V

| 2700K | 3000K | 4000K |
|---|---|---|
| Non Dimmable | Non Dimmable | Non Dimmable |
| ○ FA53912406 | ○ FA53903606 | ○ FA53903506 |
| ● FA53912433 | ● FA53903633 | ● FA53903533 |
| 1-10V | 1-10V | 1-10V |
| ○ FA53912406-310 | ○ FA53903606-310 | ○ FA53903506-310 |
| ● FA53912433-310 | ● FA53903633-310 | ● FA53903533-310 |
| Dali | Dali | Dali |
| ○ FA53912406-300 | ○ FA53903606-300 | ○ FA53903506-300 |
| ● FA53912433-300 | ● FA53903633-300 | ● FA53903533-300 |




@ 3000K

## Dooku / Ø 76mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door .
With Terminal Block 4x1,5-16mmq.

**H 3500mm**

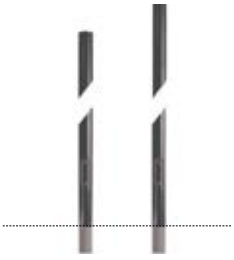
- FA24806
- FA24833

**H 4500mm**

- FA24906
- FA24933

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq



**H 3500mm**

- FA25006
- FA25033

**H 4500mm**

- FA25106
- FA25133

## Dooku / Ø 102mm - Poles

Mit Boden und Zugangstür. Mit Terminal Block 4x1,5-16mmq.

With Base and Access Door .
With Terminal Block 4x1,5-16mmq.

**H 4000mm**

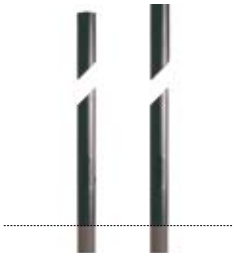
- FA414006
- FA414033

**H 5000mm**

- FA415006
- FA415033

Bodeneinbau (+500 mm Wurzel) Mit Zugangstür. Mit Terminal Block 4x1,5-16mmq

In-Ground (+500 mm Root) With Access Door
With Terminal Block 4x1,5-16mmq



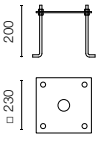
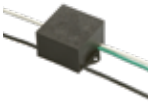
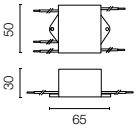
**H 4000mm**

- FA414506
- FA414533

**H 5000mm**

- FA415506
- FA415533

## Dooku: Zubehörteile / Accessories

| | | | | |
|---|---|---|---|---|
| Stiftschraubenplatte. | Base plate with bolt. | FA116 | |  |
| Überspannungsschutzgerät. 275 Vac. Maximaler Entladestrom 10KA (8 / 20µs). Maximaler Betriebsstrom 5A. Geeignet für Reihenschaltung. IP66. | Surge protection device. 275Vac. Maximum discharge current 10KA (8/20µs). Maximum operating current 5A. Suitable for series connection. IP66. | F990E00A000 |  |  |

## Leuchtenschutzklassen / Luminaires classification

Klasse I: Leuchten, bei denen der Schutz gegen elektrischen Schlag nicht nur auf der Basisisolierung beruht, sondern bei denen zusätzliche Sicherheitsvorkehrungen getroffen werden. Alle berührbaren unter Spannung stehenden Teile müssen an einen Schutzleiter (Erdungsan-schluß) angeschlossen sein.

Class I: Luminaire in which protection against electrical shocks is not just based on the basic insulation but also on an additional safety precautions consisting of connecting the accesible conductive parts to a safety conductor (earth).

Klasse II: Leuchten, bei denen der Schutz gegen elektrischen Schlag nicht nur auf der Basisisolierung beruht, sondern die über zusätzliche Sicherheitsvorkehrungen durch doppelte Isolierung verfügen ohne Erdungsanschluß.

Class II: Luminaire in which protection against electrical shocks is not just based on the basic insulation but also on an additional safety precautions consisting of double reinforced insulation without conductive parts to a safety conductor (earth).

Klasse III: Leuchten, bei denen der Schutz gegen elektrischen Schlag durch den Anschluß an eine Schutz-kleinspannung erreicht wird; es dürfen keine höhere Spannung produziert werden. Eine Leuchte der Klasse III darf niemals einen Schutzleiteranschluß enthalten.

Class III: Luminaire in which protection against electrical shocks is based on the very low safety supply voltage and no voltages are produced higher than this. A Class III luminaire must never be provided with earthing.

## Zulassungen / Homologations

Alle im Rahmen dieses Programms produzierten und präsentierten Leuchten wurden konform zu der Europäischen Norm EN 60 598 hergestellt und entsprechen damit den Anforderungen der Richtlinie 73/23 EWG (Niederspannungsrichtlinie). Der Herstellungsprozess garantiert ebenfalls die Konformität zur Richtlinie 89/336 EWG welches die elektromagnetische Verträglichkeit betrifft. Alle dem Anwendungsbereich der oben genannten Richtlinien unterliegenden Produkte enthalten das CE Zeichen, welches die Konformität zu den jeweiligen Anforderungen kennzeichnet.

All lamps manufactured and illustrated in this catalog comply with European Standard EN 60 598 and consequently meet the requirements set forth in Directive 73/23 EEC (Low Voltage Directive). They also comply with Directive 89/336 covering electromagnetic compatibility. All products falling under the scope of the above-mentioned Directives bear the CE mark as proof of their compliance with the respective requirements.

Das ENEC-Zeichen auf dem Produkt gewährleistet die Einhaltung der europäischen Normen, sowie zuverlässige Organisation und Produktionssysteme. Dieses Prüfzeichen steht für unser Engagement und gibt die beste Garantie in Bezug auf Sicherheit und Qualität unserer Produkte.

The ENEC mark on the product stands for the compliance of European Standard as well as a trustworthy organisation and product system and is guaranteed by an accredited certification body. This agreed mark stands for our engagement and represents the best guarantee in security and quality matter of our products.

Der spanische Verband für Normen und Zertifizierung AENOR, bescheinigt, daß das von Antares Iluminación, S. A. angewendete Qualitätssicherungssystem den Anforderungen der Normen UNE-EN ISO-9001 - Qualitätssicherungssystem - entspricht.

The Spanish Association for Standards and Certification AENOR, certifies that quality assurance system adopted by Antares Iluminación, S.A. complies with the requirements of the standard UNE-EN ISO-9001 Quality Systems.

## Schutzart / Degree of protection

| | | |
|---|---|---|
| **IP**<br>20 | Schutzgrad gegen feste Fremdkörper und Wasser. | Protection degree offered by the fixture to the ingress of solids and liquids. |
| IP<br>**2**0 | 1. Kennziffer: Schutz gegen Eindringen fester Körper: 0 Ungeschützt. - 1 Fremdkörper grösser als 50 mm. - 2 Geschützt gegen feste Fremdkörper grösser als 12 mm. - 3 Geschützt gegen feste Fremdkörper grösser als 2,5 mm. - 4 Geschützt gegen feste Fremdkörper grösser als 1 mm. - 5 Staubgeschützt. - 6 Staubgeschützt. | 1st figure, protection against penetration by solid bodies: 0 No protection - 1 Protected against solid bodies over 50 mm in diameter - 2 Protected against solid bodies over 12 mm in diameter - 3 Protected against solid bodies over 2,5 mm in diameter - 4 Protected against solid bodies over 1 mm in diameter - 5 Protected against dust - 6 Fully protected against dust. |
| IP<br>2**0** | 2. Kennziffer: 0 Ungeschützt. - 1 Geschützt gegen senkrecht fallendes Tropfwasser. - 2 Geschützt gegen senkrecht - fallendes Tropfwasser. - 3 Geschützt gegen schräg fallendes Sprühwasser mit einem Winkel bis zu 60°. - 4 Geschützt gegen Spritzwasser. - 5 Geschützt gegen Strahlwasser. - 6 Geschützt gegen schwere See. - 7 Geschützt gegen Untertauchen. - 8 Geschützt gegen dauerhaftes Untertauchen. | 2nd figure, protection against penetration by water: 0 No protection - 1 Protected against drops of water falting vertically - 2 Protected against drops of water at a max. inclination of 15 degrees - 3 Protected against drops of water at a max. inclination of 60 degrees - 4 Protected against splashed of water - 5 Protected against jets of water - 6 Protected against waves - 7 Protected against immersión - 8 Protected against long term immersión. |

### Piktogramme / Pictography

Gemäß den Bestimmungen der Verordnung (EU) Nr. 874/2012, als Ergänzung zur Richtlinie 2010/30/EU über die Angabe des Verbrauchs an Energie durch energieverbrauchsrelevante Produkte mittels einheitlicher Etiketten und über die Kompatibilität der Leuchtkörper mit den verschiedenen (integrierten oder mit ihnen kompatiblen) Lichtquellen, hat Flos S.p.A. die erforderlichen Etiketten in elektronischem Format auf seiner Website (www.flos.com) im produktspezifischen Bereich eingefügt. Zum Herunterladen der Etiketten in den verschiedenen, auf europäischer Ebene vorgesehenen Sprachen, gehen Sie wie folgt vor: • Wählen Sie die gewünschte Kollektion bzw. das gewünschte Produkt (z. B. http://www.flos.com/decorative/en/products/floor/Arco) • Klicken Sie auf “Siehe technisches datenblatt” • Klicken Sie auf “Print Energy Label” • Wählen Sie die Sprache und drucken Sie das Etikett.

In accordance with the provisions of Regulation 874/2012/EU and integration of the Directive 2010/30/EU concerning labeling indicating the energy consumption of electric lamps and the compatibility of lighting appliances with different light sources (integrated or compatible with these), Flos SpA has inserted the required labels, in electronic form, on its website (www.flos.com) in the area relating to products. The methods to download the labels in different languages envisaged at Community level are as follows: • Choose the collection/product you are interested in (for ex: http://www.flos.com/decorative/en/products/floor/Arco) • Click on “see specs sheet” • Click on “Print Energy Label” • Select the language and print the label.

## Symbols

Statische Belastung: Widerstandsfähigkeit gegen statische Belastung.

Static load: Resistance to static load.
In compliance with CEI EN 60598-2-13 standards.

Überfahrbarkeits-Widerstandsfähigkeit gegen Drehmoment- und Schubbeanspruchung.
In Übereinstimmung mit der Norm CEI EN 60598-2-13.

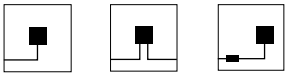
Drive over Resistance to torque and shear loads.
In compliance with CEI EN 60598-2-13 standards.

Diffusortemperatur in Übereinstimmung mit CEI EN 60598-2-13. Prüfen Sie, dass die Diffusortemperatur „T max °C“ (getestet bei 25 °C) mit Ihren lokalen Vorschriften übereinstimmt. Glasoberflächentemperatur <70 °C für LED-Quelle.

Diffuser temperature according to CEI EN 60598-2-13. Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation. Glass surface temperature <70°C for LED source

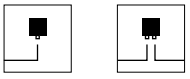
Hinweis zur Installation von Einbauleuchten:
Es ist wichtig, eine beständige Kiesdecke oder ein Abflusssystem vorzusehen, um eine gute Entwässerung zu gewährleisten und Wasseransammlung zu vermeiden.
Die Leuchte darf nicht in hohlen Oberflächen montiert werden.

Advice on installation of recessed luminaires:
It is important to provide a consistent gravel layer or drain system to ensure good drainage and to avoid water stagnation.
The luminaire must not be installed in hollow surfaces.



Elektrische Verbindung:
Verkabelung über Kabeleingang, über zwei Kabeleingänge oder über einen entfernt installierten Speisetransformator (separat zu bestellen).

Electric connection:
Wiring through cable input, through two cable inputs or through a feeding transformer installed on remote position (to be ordered separately).



Die Leuchte ist mit 1 oder 2 Kabeleingängen ausgestattet.

Luminaire is equipped with 1 or 2 cable input.

Die Leuchte ist mit Kabel und Stecker ausgestattet.

Luminaire is equipped with cable and plug.

Schutz gegen das Eindringen von Wasser aus dem Kabel.

Protection against water ingress from the cable

Oberflächeninstallation an der Wand, Boden oder Decke.

Surface installation on wall, on ground or on ceiling.

Installation als Mast.

Installation on pole.

Bodeninstallation (Einbauleuchte)
Hängeleuchte.

In-ground installation (recessed luminaire)
Suspended fitting.

Glühdrahtprüfung IEC 60695-2-10: Die Glühdrahtprüfung dient zur Simulation der Wärmeeinwirkung, wie sie bei elektrischen Geräten auftreten kann, z. B. bei überlasteten (spezifizierte Temperatur).

Glow wire test IEC 60695-2-10: the glow wire test is used to simulate the effect of heat as may arise in malfunctioning electrical equipment, such as with overloaded (specified temperature).

| IK |
| --- |
| 0**9** |

Widerstandsfähigkeit gegen äußere mechanische Einwirkungen:
Der IK-Code bezieht sich auf die maximale äußere Einwirkung, die die Leuchte standhalten kann, ohne irreversible Schäden davonzutragen.
In Übereinstimmung mit der Norm EN50102.

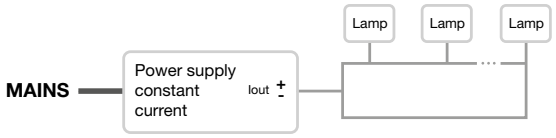
Resistance to external mechanical impacts:
IK code refers to the maximum external impact the luminaire is capable to withstand, without irreversible damage.
In compliance with EN50102 standards.

| **IK code** | **Impact Energy** (Joule) | **Mass/Height** |
| --- | --- | --- |
| IK00 | 0,00 | ----- |
| IK01 | 0,15 | 0,2Kg/70mm |
| IK02 | 0,20 | 0,2Kg/100mm |
| IK03 | 0,35 | 0,2Kg/175mm |
| IK04 | 0,50 | 0,2Kg/250mm |
| IK05 | 0,70 | 0,2Kg/350mm |
| IK06 | 1,00 | 0,5Kg/200mm |
| IK07 | 2,00 | 0,5Kg/400mm |
| IK08 | 5,00 | 1,7Kg/295mm |
| IK09 | 10,00 | 5,0Kg/200mm |
| IK10 | 20,00 | 5,0Kg/400mm |

## Tecnical Schemes

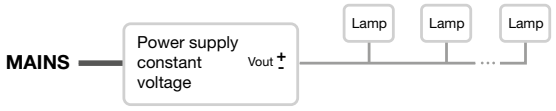
Schaltplan und Beispiel für eine Reihenschaltung / Wiring Diagram and sample series installation

**n.1**



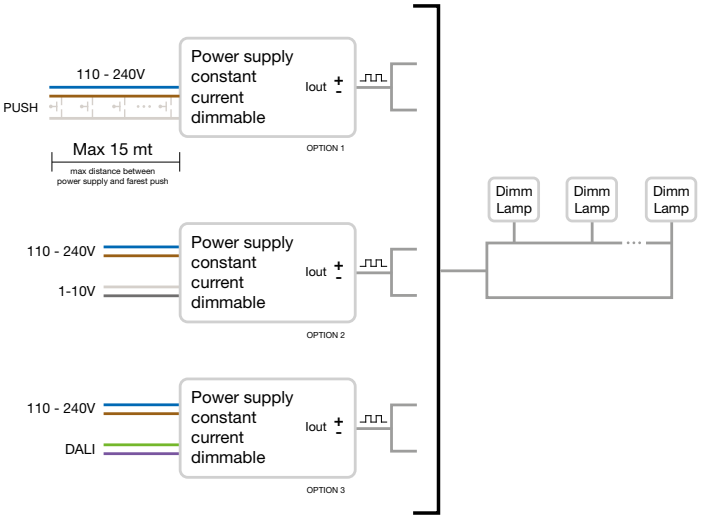

Schaltplan und Beispiel für eine Parallelschaltung / Wiring Diagram and sample parallel installation

**n.2**



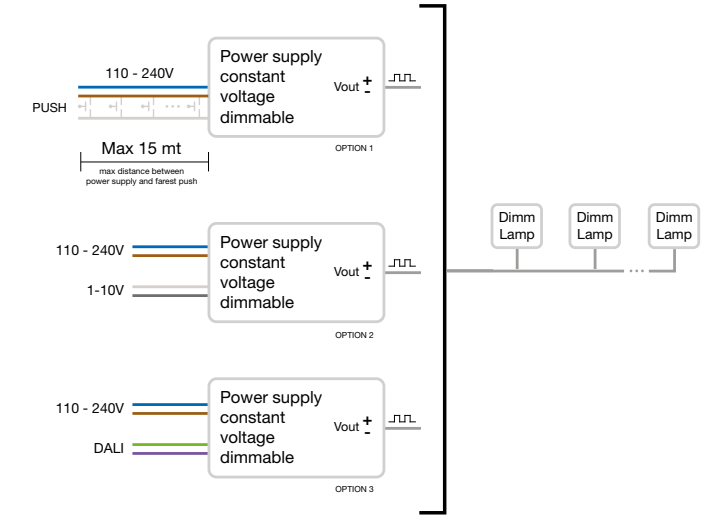

Schaltplan und Beispiel für eine dimmbare Reihenschaltung / Wiring Diagram and sample dimmable series installation

**n.3**




Schaltplan und Beispiel für eine dimmbare Parallelschaltung / Wiring Diagram and sample dimmable parallel installation

**n.4**



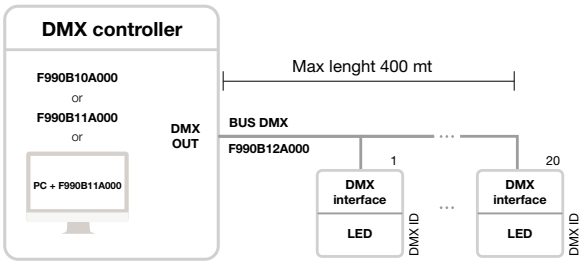
## Basic DMX Wiring Scheme

Ein DMX-System kann eine unbegrenzte Anzahl von Leuchten enthalten, wenn die folgenden Regeln beachtet werden:

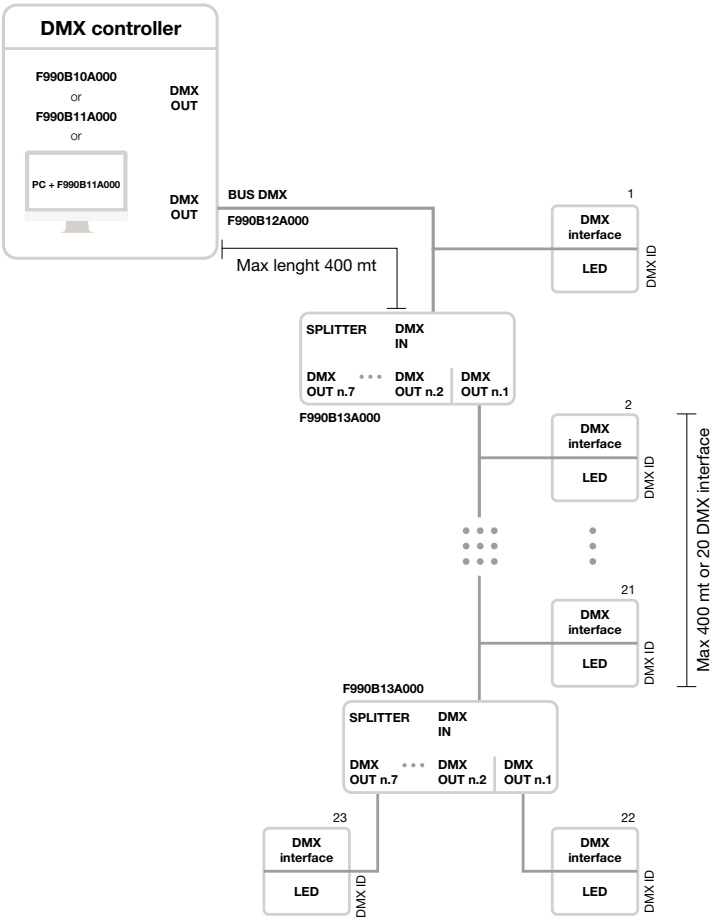
- Verwenden Sie geeignete Kabel für den DMX-Bus: geschirmtes verdrilltes Doppelkabel mit 110 Ohm konstanter Impedanz (z.B. Cod.186). Die Verwendung unterschiedlicher Kabel garantiert nicht die gleiche Leistung.
- Alle 400m Kabel muss das DMX-Bussignal mit einem Verteiler regeneriert werden. Dies ermöglicht, die Installation zu erweitern.
- Alle 20 Leuchten muss das DMX-Bussignal mit einem Verteiler regeneriert werden. Dies ermöglicht, die Installation zu erweitern.
- Alle Leuchten müssen in Reihe an den DMX-Bus angeschlossen werden. Es ist keine Sternschaltung erlaubt. Es ist zu berücksichtigen, dass die Verwendung eines Verteilers das Problem lösen kann, einen Buseingang und mehrere Busausgänge zu haben.
- Jedes Kabel muss einen Abschlusswiderstand von 120 Ohm haben.

A DMX system can include an unlimited number of fixtures on condition that the following rules are respected:

- Use suitable cables for DMX bus: shielded twisted pair with 110 Ohm constant impedance (e.g. Cod.186). The use of different cables doesn't assure the same performance.
- Every 400mt of cable the DMX bus signal needs to be regenerated with a Splitter. This allows to extend the installation.
- Every 20 fixtures the DMX bus signal needs to be regenerated with a Splitter. This allows to extend the installation.
- All fixtures have to be connected in series to the DMX bus. No star connection allowed. It has to be taken into account that the use of a splitter can solve the problem having one bus input and more bus output.
- Each cable must have a 120 Ohm termination resistor.



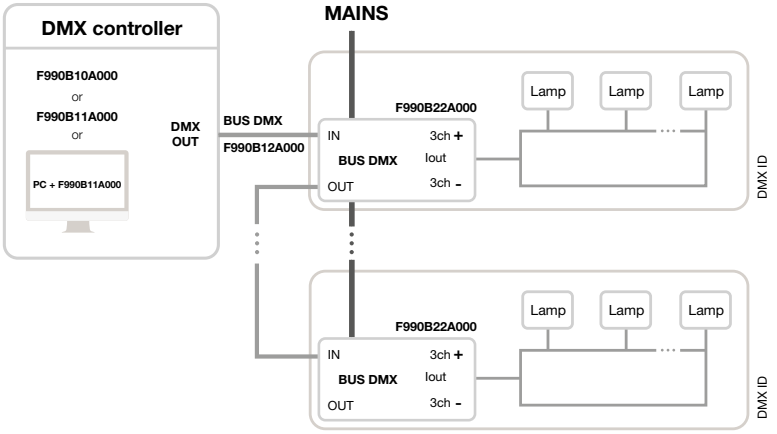

## Extended DMX Wiring Pattern



## Tecnical Schemes

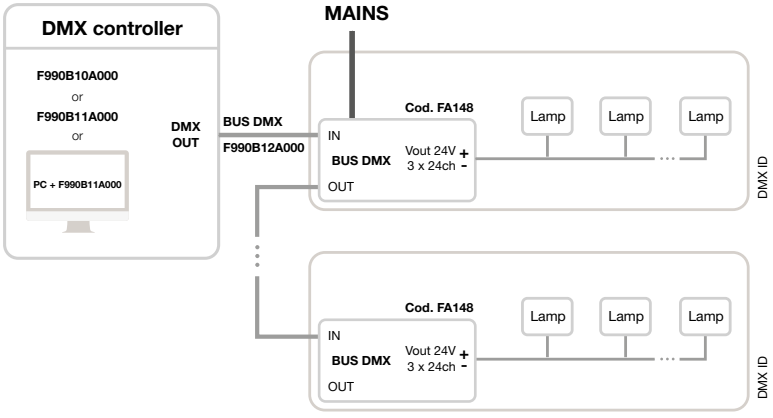
Schaltplan und Beispielinstallation / Wiring Diagram and sample installation.

**n.5**



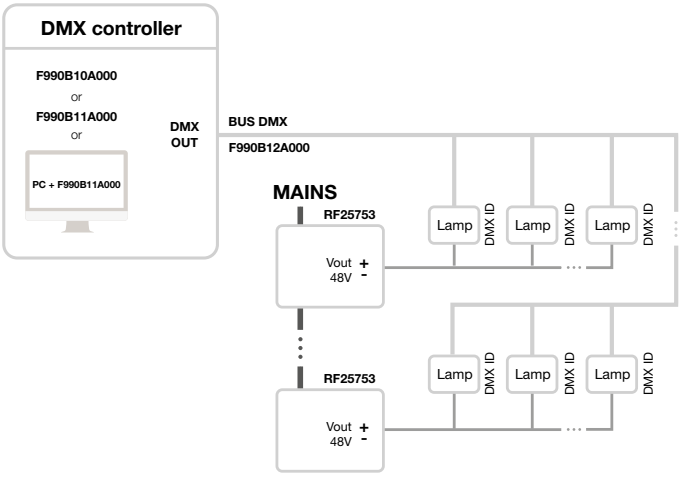

Schaltplan und Beispielinstallation / Wiring Diagram and sample installation.

**n.6**



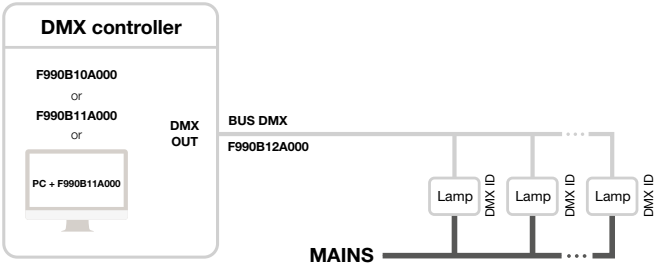
Schaltplan und Beispielinstallation / Wiring Diagram and sample installation.

**n.7**




Schaltplan und Beispielinstallation / Wiring Diagram and sample installation.

**n.8**




## Hinweis

Verkabelung von LED-Leuchten, die mit Konstantstrom betrieben werden und in Reihe geschaltet sind (Schema 1, 3 und 5): Schließen Sie die Leuchte niemals an eine eingeschaltete Stromversorgung an.
Schließen Sie die Leuchten immer an die Stromgversorgung an, und zwar erst, nachdem Sie die Stromversorgung mit dem Netz verbunden haben.

Anschlusspläne: Leuchten mit konstantem Strom müssen immer in Reihe geschaltet werden; Leuchten mit konstanter Spannung müssen immer parallel geschaltet werden.
Achten Sie immer auf die Polarität entsprechend dem Gleichstromsystem.

Stromversorgungen müssen immer mit den Installationsmerkmalen übereinstimmen: Verwenden Sie niemals ein Konstantstromversorgung für eine Leuchte mit konstanter Spannung und umgekehrt.
Bei der Wahl der Stromversorgung muss der tatsächliche Stromverbrauch der Leuchte (Angaben im Katalog) mit einem Zuschlag von 20 % berücksichtigt werden, um eventuelle Verluste bei der Installation zu vermeiden.

LED-Leuchten und -Stromversorgungen sind gegen Störungen auf der Leitung geschützt. Es wird jedoch dringend empfohlen, spezielle Versorgungsleitungen einzurichten, um mögliche plötzliche und starke Störungen (induktive Lasten wie Pumpen oder Entladungslampen) zu vermeiden, die das LED-Modul beschädigen könnten.

## Attention

Wiring of LED luminaires run in constant current and connected in series (schemes 1,3 and 5): Never connect the luminaire to a switched on power supply.
Always connect luminaires to the power supply, and only after connect the power supply to the mains.

Connection schemes: Luminaires in constant current must always be connected in series; luminaires in constant tension must always be connected in parallel.
Always respect polarity according to the DC system.

Power Supplies must always match installation features: Never use a constant current power supply on a constant tension luminaire and vice versa.

The choice of the power supply must take into account the real power consumption of the luminaire (data shown in the catalogue) with a 20% increase to face any potential loss on the installation.

LED Luminaires and power supplies are protected against interferences on the line, it is anyway highly recommended to set dedicated feeding lines to avoid any potential sudden and severe interference (inductive loads like pumps or discharge lamps) that are likely to damage the LED module.

| | | | |
|---|---|---|---|
| A-Rise | 456 | IC_Light | 218 |
| A-Round | 446 | In Vitro | 166 |
| Aimer | 680 | Kirk | 660 |
| Bellhop | 278 | Klein Pro | 328 |
| Belvedere | 316 | Landlord | 260 |
| C-Me | 502 | Leila | 648 |
| Camouflage | 384 | Lighting In The Rain | 252 |
| Casting | 290 | Marco | 428 |
| Caule | 226 | Mile | 176 |
| Cielo | 588 | My Way | 376 |
| Climber | 394 | Outgraze | 526 |
| Dooku | 760 | Perseo | 736 |
| Eclipse | 600 | Platter | 620 |
| Emma | 632 | Pointbreak | 136 |
| Fenestra | 438 | Real Matter | 374 |
| Flauta | 242 | Spine | 16 |
| Captain Flint | 210 | Spock | 668 |
| Franco | 714 | Talia | 356 |
| Gobi | 480 | Tau | 576 |
| Heavy Metal | 406 | Walkstick | 302 |
| Hyperion | 610 | Zefiro | 338 |
| I - Ron | 348 | | |

## Gewährleistung

ARES s.r.l. garantiert dem Käufer die zufriedenstellende Funktion seiner Produkte für einen Zeitraum von zwei Jahren ab dem Kaufdatum (Rechnungsdatum).

Innerhalb der Garantiezeit werden alle Mängel an ARES s.r.l. -Produkten, die auf Material- oder Verarbeitungsfehler zurückzuführen sind, kostenlos behoben.

ARES s.r.l. behält sich das Recht vor, den Fehler durch Reparatur, Austausch oder Ersatz zu beheben.

Die Garantie deckt nicht ab und der Hersteller haftet nicht für:

Teile und Materialien, die einem ständigen Verschleiß unterliegen;
Probleme, die auf äußere Ursachen zurückzuführen sind, wie z. B. Unfall, Missbrauch, Fehlgebrauch, falsche Handhabung, Fahrlässigkeit, Feuer, Diebstahl, Vandalismus, Aufruhr, Explosion, Naturkatastrophen oder andere äußere Ursachen, die nicht mit einem Produktfehler zusammenhängen;
Bedingungen, die auf eine fehlerhafte Installation, falsche Anwendung, extreme Umgebungsbedingungen, die über die in der Produktspezifikation definierten Bedingungen hinausgehen, Unter- oder Überspannungssituationen, Nichteinhaltung der geltenden Anweisungen, unsachgemäße oder unzureichende Handhabung, Versand, Wartung, Fahrlässigkeit, Unfall oder Manipulationen hinweisen;
Inkompatibilität, unsachgemäße Konstruktion, Herstellung, Installation, Betrieb oder Wartung von Produkten, die nicht vom Hersteller geliefert wurden;
Situationen, in denen Betriebsgeräte, Leuchten oder sonstige Teile des Herstellers durch Teile anderer Hersteller ersetzt werden;
Die Qualität der Installation von Produkten des Herstellers hängt vom Installateur dieser Produkte ab. So würden die oben genannten Garantien beispielsweise keine Probleme abdecken, die sich aus den Installationsmethoden eines solchen Installateurs ergeben.
Kleine Mängel, die den Wert oder den Betrieb nur unwesentlich beeinträchtigen.

Die Garantie gilt nicht für andere Ansprüche (z. B. zusätzliche Kosten, die dem Kunden entstehen), es sei denn, sie wurden vom Hersteller schriftlich vereinbart und anerkannt.

## Warranty

ARES s.r.l. warrants to the Buyer the satisfactory operation of its products for the period of two years from date of Purchaser's purchase (the invoice date).

Within the warranty period any defects with ARES s.r.l. products as a result of faulty materials or workmanship will be rectified free of charge.

ARES s.r.l. reserves the right to rectify the fault by repair, exchange or replacement.

The warranty does not cover and the manufacturer will not be liable for:

Parts and materials subject to continuous wear;
Problems resulting from external causes such us accident, abuse, misuse, mishandling, negligence, fire, theft, vandalism, riot, explosion, natural disaster, or other external causes unrelated to product defect;
Conditions demonstrating faulty installation, misapplication, extreme environmental conditions beyond those defined in the product specification, under/over voltage situations, lack of compliance with applicable instructions, improper or inadequate handling, shipping, maintenance, negligence, accident, or tampering;
Incompatibility, improper design, manufacture, installation, operation or maintenance of products not supplied by Manufacturer;
Situations in which manufacturer's control gears fixtures and or any parts are replaced with those from other manufacturers;
The quality of the installation on Manufacturer products by the installer of those products. For example, the above warranties would not cover problems resulting from such an installer's installation methods.
Small defects having a negligible effect in value or operation.

The warranty does not apply to any other claims (for instance additional cost incurred by the customer) unless agreed and accepted by the manufacturer in writing.

| Page | Reference | Page | Reference | Page | Reference | Page | Reference | Page | Reference |
|---|---|---|---|---|---|---|---|---|---|
| 322 | F001A21A001 | 322 | F001B21B001 | 323 | F001C23A001.A | 324 | F001D22B001.A | 324 | F001D41B001 |
| 322 | F001A21A006 | 322 | F001B21B006 | 323 | F001C23A006.A | 324 | F001D22B006.A | 324 | F001D41B006 |
| 322 | F001A21A012 | 322 | F001B21B012 | 323 | F001C23A012.A | 324 | F001D22B012.A | 324 | F001D41B012 |
| 322 | F001A21A018 | 322 | F001B21B018 | 323 | F001C23A018.A | 324 | F001D22B018.A | 324 | F001D41B018 |
| 322 | F001A21A030 | 322 | F001B21B030 | 323 | F001C23A030.A | 324 | F001D22B030.A | 324 | F001D41B030 |
| 322 | F001A21A033 | 322 | F001B21B033 | 323 | F001C23A033.A | 324 | F001D22B033.A | 324 | F001D41B033 |
| 322 | F001A21B001 | 322 | F001B21D001 | 323 | F001C31A001 | 324 | F001D23A001.A | 324 | F001D42A001 |
| 322 | F001A21B006 | 322 | F001B21D006 | 323 | F001C31A006 | 324 | F001D23A006.A | 324 | F001D42A006 |
| 322 | F001A21B012 | 322 | F001B21D012 | 323 | F001C31A012 | 324 | F001D23A012.A | 324 | F001D42A012 |
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| 322 | F001A21B030 | 322 | F001B21D030 | 323 | F001C31A030 | 324 | F001D23A030.A | 324 | F001D42A030 |
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| 322 | F001A31A001 | 322 | F001B31B001 | 323 | F001C33A001 | 324 | F001D31A001 | 324 | F001D43A001 |
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| 322 | F001A31A030 | 322 | F001B31B030 | 323 | F001C33A030 | 324 | F001D31A030 | 324 | F001D43A030 |
| 322 | F001A31A033 | 322 | F001B31B033 | 323 | F001C33A033 | 324 | F001D31A033 | 324 | F001D43A033 |
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| 322 | F001A31B006 | 322 | F001B31D006 | 323 | F001C41A006 | 324 | F001D31B006 | 324 | F001D43B006 |
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| 322 | F001A31B018 | 322 | F001B31D018 | 323 | F001C41A018 | 324 | F001D31B018 | 324 | F001D43B018 |
| 322 | F001A31B030 | 322 | F001B31D030 | 323 | F001C41A030 | 324 | F001D31B030 | 324 | F001D43B030 |
| 322 | F001A31B033 | 322 | F001B31D033 | 323 | F001C41A033 | 324 | F001D31B033 | 324 | F001D43B033 |
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| 322 | F001A31D006 | 322 | F001B41A006 | 323 | F001C42A006 | 324 | F001D32A006 | 325 | F001E21A006.A |
| 322 | F001A31D012 | 322 | F001B41A012 | 323 | F001C42A012 | 324 | F001D32A012 | 325 | F001E21A012.A |
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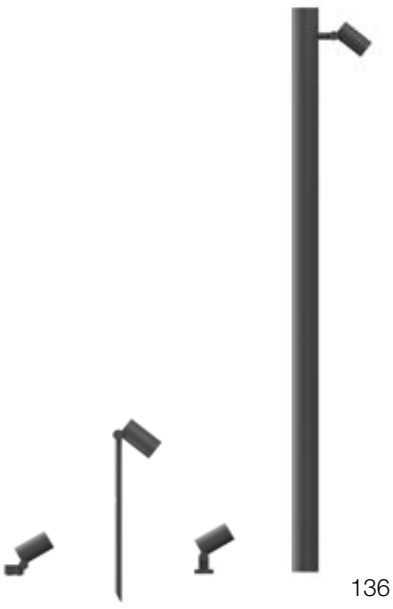

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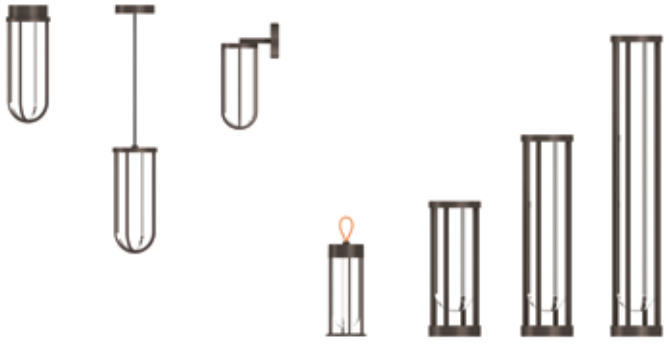

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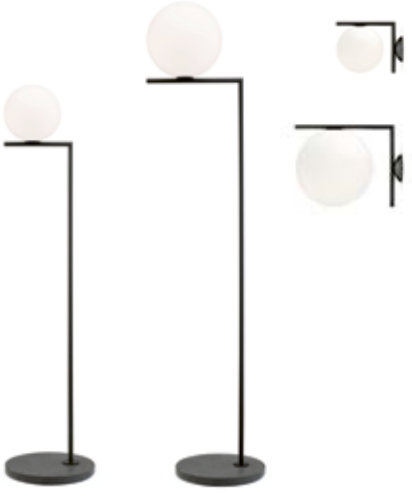

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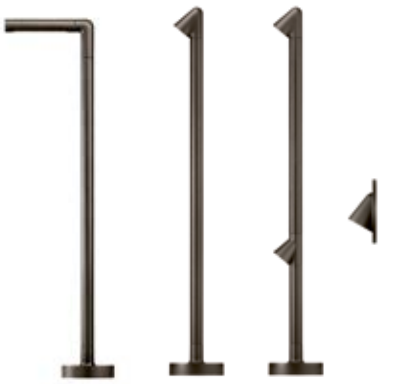

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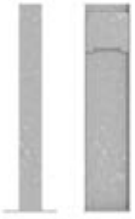

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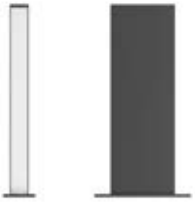

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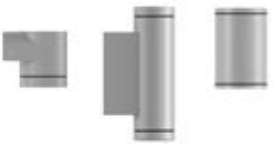

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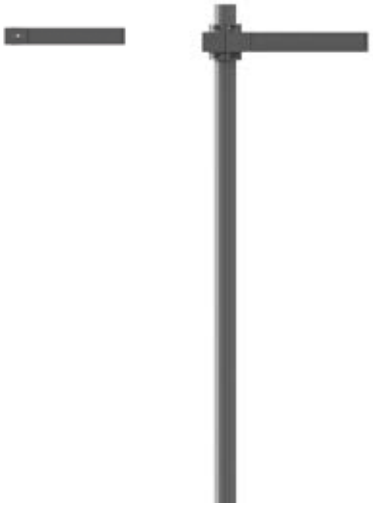

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