

# CATALOGO 2019

ENGLISH

Alfa, Alfia, Alice, Andrea, Anna, Ara, Arcadia, Bea, Beta, Camilla, Cassiopea, Chiara, Cielo, Clio, Delta, Dooku, Eclipse, Emma, Epsilon, Franco, Gamma, Giulia, Hyperion, Idra, Iota, Jackie, K12, Kamino, Kirk, LaDina, Leila, Leo, Marco, Martina, Martina Aqua, Melrie, Memi, Midna, Naboo, New Torcia, Pan, Paola, Pat, Perseo, Petra, Pi, Rho, Sam, Sandro, Sigma, Silvia, Spock, Talia, Tapioca, Tau, Trixie, Vincenza, Viviana, Yama, Zefiro.



**ares**

THE OUTDOOR BY FLOS

MADE IN ITALY

**ares**  
THE OUTDOOR BY FLOS





## COMPANY

Established in 1994, Ares is a manufacturing company specialized in architectural outdoor lighting. Our Aim is to offer to our customers products of actual design representative of our time, thanks to a strong commitment and great creativity. The attentive selection of materials and accurate finishing, as well as the research and development of the manufacturing

process; make our products durable and reliable; a cutting – edge for the market worldwide. Each creation is a challenge: understanding, analyzing and projecting to reach harmony and fusion of structure, light, architecture and setting.



## LIGHTING DESIGN OFFICE

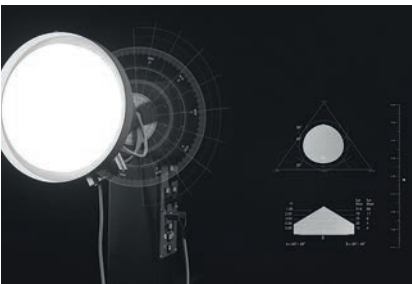
Light is an essential tool in the Architectural language. Our Lighting Design projects are the results of a careful analysis of the spaces, along with the attention to the customer's need; in order to offer comfort, safety and efficiency.



## TECHNICAL OFFICE

When engineering a new luminaire, there are several factors to consider: aesthetic and functional needs of the final fixture; accurate selection of the light sources, the materials and their heat sink capacity, and technologies to be used; achievement of the best lighting emission. The creation of a functional prototype is an important step, that allows the

improvements of all the elements and a precise balance of the creative stages progression.



## LABORATORY

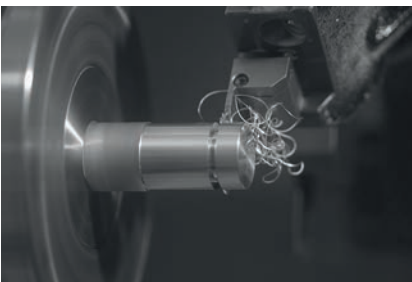
In our laboratory we test lighting fixtures safety and performances, to refine both technical and quality characteristics of all our products.



## ALUMINIUM DIE CASTING

Die casting process is one of the most considerable and important steps during the manufacturing of our products. With passion, we follow each step of productive process, from the mould manufacturing to the die casted item and the quality checks that assure the solidity and the mechanical property.

We choose Aluminium as main material and we only use top quality alloy with low-copper content, to guarantee a high resistance to corrosion.



## TURNING

Versatility and definition are the basic elements of our production. What identify and characterize our Luminaires, is the High quality and the elaborate manufacturing that requires the application of different material such as, primary aluminium, 316L stainless steel and methacrylate.



### RAW MATERIALS STOCK

The raw material is attentively selected, all the incoming goods are tested following the in force directives, and stored in the main warehouse for direct use.



### PAINTING PROCESS

ARES has done an important investment in a new and implemented painting facility and coating procedure, that guarantees good resistance even in extreme climatic conditions. A controlled conversion treatment, a first layer of epoxy powder coating and a second layer of polyester powder coating, offer high mechanical solidity and UV resistance, a warranty of

high quality and performances for the whole selection of 5 standard colours. The thickness and the adherence of the film are constantly measured by specific tests. It is our commitment to respect the environment and the directives in force; Coating procedures are followed by daily careful tests.



### LED

A direct and deep knowledge of LED light sources, of the engineering and assembly of printed circuits and boards, allows Ares to take care of each productive step: from the design of the circuit, to the realization of the luminaire. "Ares LED" is an internal productive unit, entirely dedicated to the development, production and assembly of high technology LED fixtures. The main characteristics are

an high efficiency in lighting emission and reduced power consumption. A warehouse where thousands of LED and components are stored is precisely managed and controlled in order to offer products with the highest colour uniformity and quality possible. The unit consists of different and specialized areas and each of these areas is focused on a single step of the production.



### ASSEMBLY

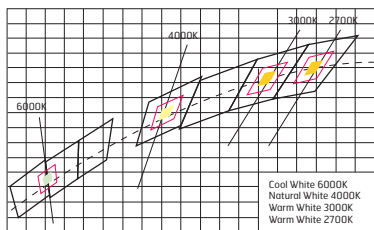
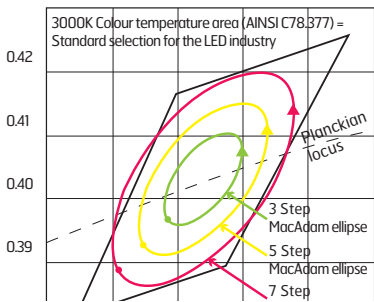
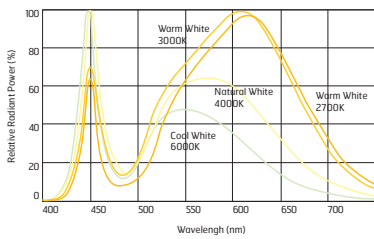
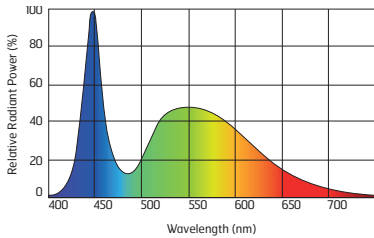
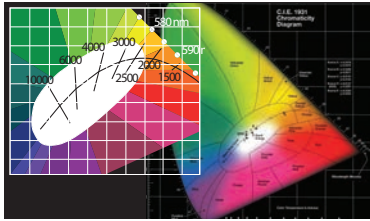
Electrical and Mechanical assembly lines follow procedures and operating instructions to assemble luminaires. A trained and specialized staff is in charge for the tests of quality of the products that have to be in compliance with regulation in force. Particular attention is given to the electrical safety checks on the luminaires.



### PACKING AND DELIVERY

Each single products is carefully prepared and packed with extremely care. A piece of truly Italian style is now ready to be delivered all over the world. Ares sales distribution reaches all 5 continents, which represents the 75% of the turnover.

## LED TECHNOLOGY



In order to get a white LED, nowadays just as 20 years ago, one is made which emits a light blue known as royal blue, and it is given a coating by mixing phosphorus types, that is a mix of components which are excited by the wave length of Royal Blue and can emit white light, the color temperature (CCT) depends on the specifics of the mix. Diode technology underlies LEDs, a diode being an electronic component whose functioning depends on the behavior of two regions next to each other with different chemical characteristics. On the basis of the various twinned regions, a LED will be able to emit a precise wave length, in other words generate a specific color; as white is not a color but a mix of all of them together, it is clear why conversions of some kind cannot be avoided. Given the growth in the availability of different selections of CCT, and the market's desire for quality, a universal and standardized method of cataloging was soon codified as ANSI 78.377-2008.

It was necessary to define a space on which the light emitted by a LED could be defined, and within this space a series of regions could be delimited in order to define their different color temperatures. The space of the colors C.I.E. xyz was used, one of the first to be defined mathematically (1931), while to delimit the different color regions, it was natural to extend the Planckian place (in other words, the group of various shades of white which a Black Body assumes if taken to various temperatures), and thus a series of rhombuses was created, each of which was next to another and centered on the black body curve known as the ANSI BIN. By means of the mathematics of conversion of the same color space and the spectral distribution of the light emitted by a LED, it can be inserted into the graph and then described precisely. While in so-called cold LEDs the blue contribution is greater (obviously on the 460nm characteristics of the LED on which the white has been constructed), as the temperature is reduced if a warm LED is observed it is clear that the phosphorus have a more important role to play in lowering the blue component and gene rating a new component at the same time, which becomes predominant around 600nm (typical of yellow). For these purposes the percentage of 'Rare Lands' in the phosphorus mix is altered.

is very similar to the BlackBody. There are also different color tables which can be used for the comparison and increasing the number of 'color samples' obviously improves the definition of the CRI. As well as the standard, nowadays the LED leads the main manufacturers to compare themselves to each other and improve the light efficiency and quality on a daily basis. Two different strategies are becoming important for the selection of the BINs. The simpler, which has been more commonly used for some time, divides the ANSI BINs into narrower and narrower sub-regions in order to obtain portions which are 1/16 the size of the standard. This gives companies assembling LEDs a refined degree of selection for the finished product. The second possibility undertaken by manufacturers was that of reintroducing an old model based on a more favorable geometry, namely MacAdam's Ellipses. The advantage of this proposal is the geometry involved which, with the same surface area as ANSI automatically excludes the points which are further from the geometric center, that is the tops of the rhombuses which as a result of their construction are the regions with more variation in chromatic homogeneity. Clearly this is not sufficient to guarantee that the selections have a high degree of precision. In fact the quality of this system depends once again on the dimensions of the geometric places themselves and to complete the model different ellipses must be type-tested, all of them centered on precise chromatic coordinates (and so always referable to C.I.E. 1931), more and more reduced in surface area. For these purposes they are defined as MacAdam's Steps. Step3 is currently important in the marketplace since, if directly compared to the ANSI Standard, it is equal to half an ANSI BIN.

As is normal for any Energy transformation when the conversion work is increased the efficiency decreases, and this explains why warm white LEDs are less efficient than cold ones. This is also true for LEDs with a high color rendering index (CRI). The CRI, as its name suggests, is an index and it expresses how a light source, when compared to a reference sample, can reproduce colors. By definition the reference sample should be Plank's Black Body, obviously in the same CCT conditions. In any event, for practical purposes it is possible to use an incandescent lamp which by definition and construction

**SPD: Protection against excess voltage for outdoor LED fixtures**

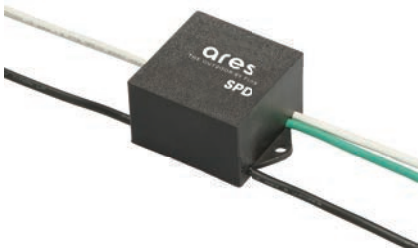


The use of light-emitting diodes (LEDs) and electronics in lighting equipment has highlighted the problem of excessive voltage caused by direct or indirect electrical charges. In the cases studied 80% of damage refer to improper/abnormal feeding.

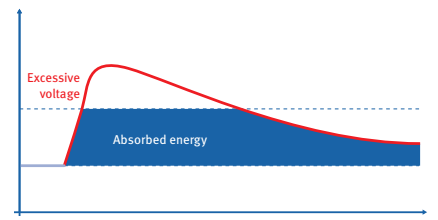
These problems may arise from:

- disturbances inherent in the electricity mains; insertion or removal of strongly reactive charges, faults in the cables, or a strong harmonic distortion in the mains;
- excessive charges arising from the environment: direct or indirect atmospheric discharges or unexpected and excessive

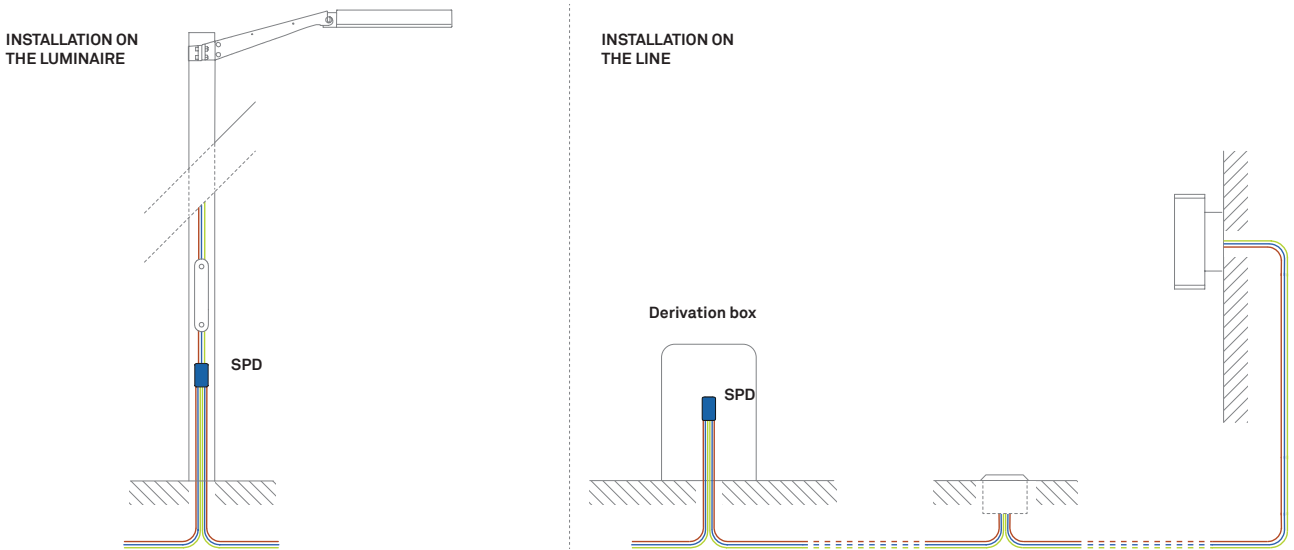
accumulation of electrostatic charges on the equipment. ARES offers an SPD (Surge Protector Device) which can be connected near the appliances requiring protection or above the derivation box.



This device functions in common and differential manner at the same time, by absorbing any excessive voltage and discharging it, depending on its nature, towards earth or neutral. The closer it is installed to the appliances requiring protection, the more effective this type of protection is, and it should be remembered that an earth connection is needed to protect the appliance effectively.



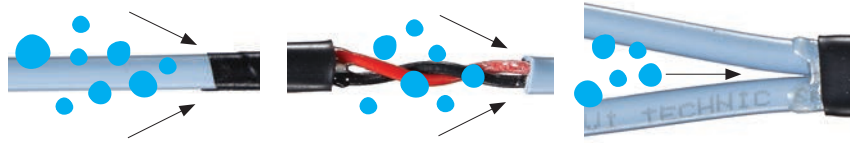
Operating Ac Voltage	275V
Maximun Discharge Current 8/20µs Waveform (Imax)	10KA
Maximun Operating Current	5A
IP Protection	66



ARES shall not be held liable for the installation of plants not complying with the regulation in force.



**H2O STOP: how to stop water ingress - in ground recessed luminaires**



An inaccurate installation of the luminaire with ineffective connection (insulating tape, self-amalgamating tape or sheath inaccurately used) may lead to water passage along the cable and consequently water ingress in the fitting.

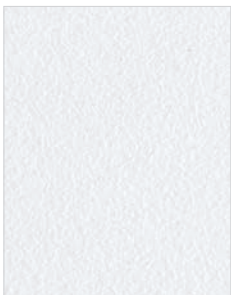


All ground recessed luminaires are equipped with a H2O STOP system or resin coated devices giving effective protection against water passage along connecting cables.

**FINISHING COLOURS: double layer coating for high resistance to corrosion.**

Double layer coating for high resistance to corrosion: The aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.

**Corrosion tests in artificial atmospheres: salt spray test passed at 1500 hrs**



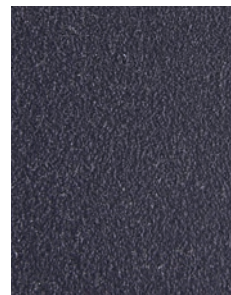
.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.



# INDEX

## DECORATIVE

---

LADINA  
28



## GROUND RECESSED

---

NABOO  
32



KAMINO  
48



K12  
56



TAPIOCA  
68



CASSIOPEA  
82



CIELO  
90



## GROUND RECESSED

---

RHO  
102



---

SIGMA  
110



---

BEA  
120



---

CHIARA  
124



---

CLIO  
130



---

PETRA  
136



---

IDRA  
140



## WALL RECESSED

---

K12  
56



---

TAPIOCA  
68



---

RHO  
102



---

SIGMA  
110



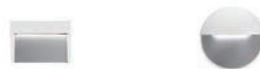
---

CHIARA  
124



---

TRIXIE  
146



---

CAMILLA  
152



---

ALICE  
158



ALFIA  
164



## CEILING RECESSED

---

TAPIOCA

68



CIELO

90



RHO

102



SIGMA

110



LEILA

170



ARA

184





## BOLLARD

---

VINCENZA  
190



NEW TORCIA  
220



---

ZEFIRO  
198



SILVIA  
226



---

TALIA  
204



PAN  
368



---

SANDRO  
210



HYPERION  
378



---

VIVIANA  
214



LEO  
418



## POLE TOP

---

DOOKU  
238



---

PERSEO  
290



---

FRANCO  
314



---

ANDREA  
338



## PROJECTOR

---

DOOKU  
238



FRANCO  
314



---

SPOCK  
266



MARTINA  
344



---

KIRK  
260



PI  
362



---

IOTA  
278



PAN  
368



---

PERSEO  
290



---

## UNDERWATER

MARTINA AQUA  
354



## WALL/CEILING

---

ANNA  
18



GIULIA  
384



ARCADIA  
388



TAU  
410



ALFA  
504



BETA  
508



PAT  
532



SAM  
538



PAOLA  
542



## WALL

---

ZEFIRO  
198



EMMA  
470



NEW TORCIA  
220



EPSILON  
492



ECLIPSE  
374



DELTA  
498



HYPERION  
378



GAMMA  
512



LEO  
418



MARCO  
516



MIDNA  
454



JACKIE  
524



MELRIE  
462



MEMI  
528



---

## CEILING

YAMA  
548









- Outdoor / Indoor round luminaire for installation on ceiling or wall – surface mounted.
- Configuration: opal plastic diffuser with satin finish for a high light emission uniformity ratio. Die-cast aluminium fixing back-plate and turned aluminium structure and heat sink. Magnetic finish frame to hide the fixing screws. The luminaire is coated with polyester powders in single or double colour.
- Protection rating: IP66
- In compliance with EN 60598-1 standards
- Class of Insulation: I
- Installation: the luminaire is equipped with two IP65 cable holders for rubber cables 5<math>\times</math>10mm (Anna Ø210 and Ø310) or cables 6<math>\times</math>13mm (Anna Ø410) and a quick-connect 2-pole terminal block. Outdoor installation requires suitable flexible cables assuring the watertightness of the cable holder.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Ceiling fitting



Wall fitting



The fitting is equipped with 2 cable input.



Protection against impact.  
IK 10- 20,00 joule

## Anna 210

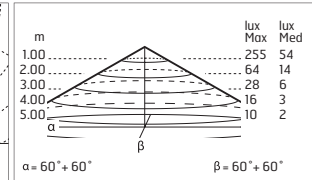
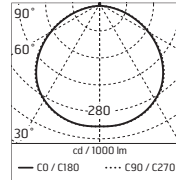
Light Source: Mid-Power LED / 8,8W / Total power 11W / CRI>80 / 220÷240V / Integral electronic power supply



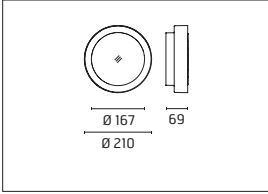
**533050**  
White 2700K  
lm LED 1202 ≠ lm OUTPUT 732

**533002**  
White 3000K  
lm LED 1292 ≠ lm OUTPUT 787

**533001**  
White 4000K  
lm LED 1334 ≠ lm OUTPUT 812



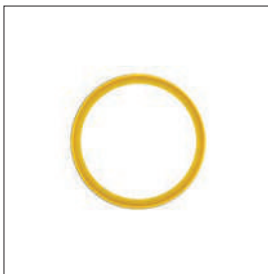
@ 4000K



IP66

## Anna 210 - Bicolour Structure White-Yellow

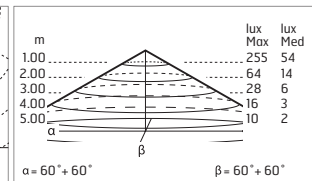
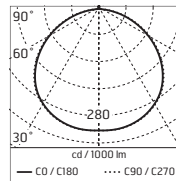
Light Source: Mid-Power LED / 8,8W / Total power 11W CRI>80 / 220÷240V / Integral electronic power supply



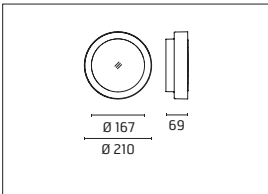
**533053**  
White 2700K  
lm LED 1261 ≠ lm OUTPUT 765

**533007**  
White 3000K  
lm LED 1292 ≠ lm OUTPUT 787

**533003**  
White 4000K  
lm LED 1334 ≠ lm OUTPUT 812



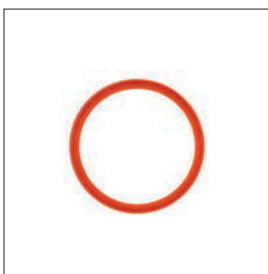
@ 4000K



IP66

## Anna 210 - Bicolour Structure White-Orange

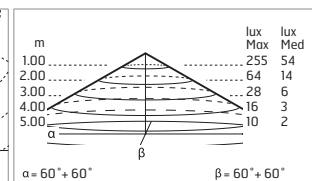
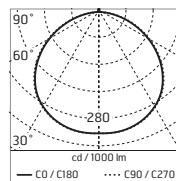
Light Source: Mid-Power LED / 8,8W / Total power 11W / CRI>80 / 220÷240V / Integral electronic power supply



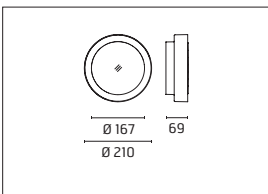
**533054**  
White 2700K  
lm LED 1202 ≠ lm OUTPUT 732

**533008**  
White 3000K  
lm LED 1292 ≠ lm OUTPUT 787

**533004**  
White 4000K  
lm LED 1334 ≠ lm OUTPUT 812



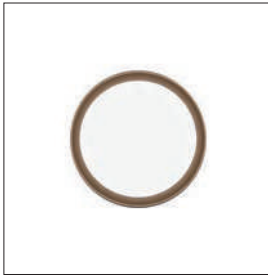
@ 4000K



IP66

### Anna 210 - Bicolour Structure White-Brown

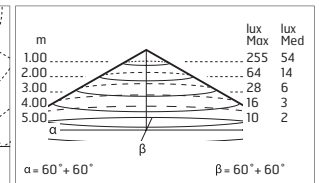
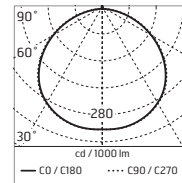
Light Source: Mid-Power LED / 8,8W / Total power 11W / CRI>80 / 220÷240V / Integral electronic power supply



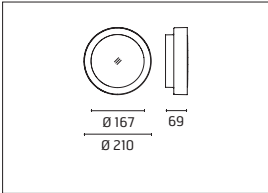
**533055**  
White 2700K  
lm LED 1202 ≠ lm OUTPUT 732

**533009**  
White 3000K  
lm LED 1292 ≠ lm OUTPUT 787

**533005**  
White 4000K  
lm LED 1334 ≠ lm OUTPUT 812



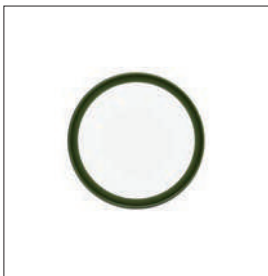
@ 4000K



IP66

### Anna 210 - Bicolour Structure White-Green

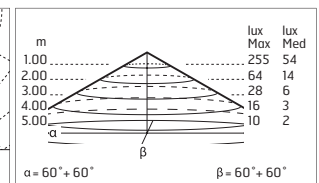
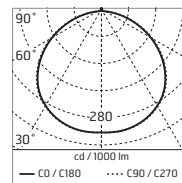
Light Source: Mid-Power LED / 8,8W / Total power 11W / CRI>80 / 220÷240V / Integral electronic power supply



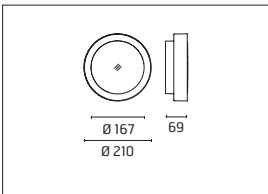
**533056**  
White 2700K  
lm LED 1202 ≠ lm OUTPUT 732

**533010**  
White 3000K  
lm LED 1292 ≠ lm OUTPUT 787

**533006**  
White 4000K  
lm LED 1325 ≠ lm OUTPUT 812



@ 4000K



IP66



## Anna310

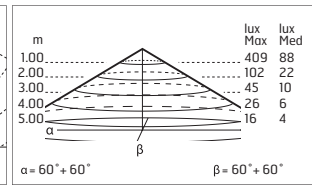
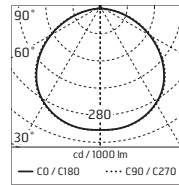
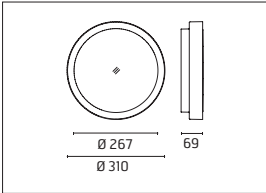
Light Source: Mid-Power LED / 14,1W / Total power 18W / CRI>80 / 220÷240V / Integral electronic power supply



**533051**  
**533051-300** Dimmable Dali  
**533051-310** Dimmable 1-10  
 White 2700K  
 lm LED 1874 ≠ lm OUTPUT 1150

**533012**  
**533012-300** Dimmable Dali  
**533012-310** Dimmable 1-10  
 White 3000K  
 lm LED 2015 ≠ lm OUTPUT 1237

**533011**  
**533011-300** Dimmable Dali  
**533011-310** Dimmable 1-10  
 White 4000K  
 lm LED 2168 ≠ lm OUTPUT 1330

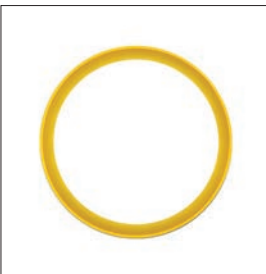


@ 4000K

IP66

## Anna310 - Bicolour Structure White-Yellow

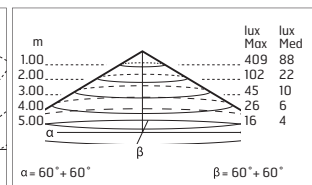
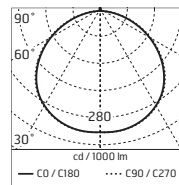
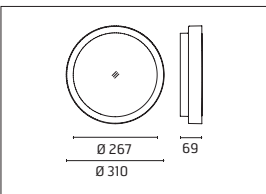
Light Source: Mid-Power LED / 14,1W / Total power 18W / CRI>80 / 220÷240V / Integral electronic power supply



**533057**  
**533057-300** Dimmable Dali  
**533057-310** Dimmable 1-10  
 White 2700K  
 lm LED 1874 ≠ lm OUTPUT 1150

**533017**  
**533017-300** Dimmable Dali  
**533017-310** Dimmable 1-10  
 White 3000K  
 lm LED 2015 ≠ lm OUTPUT 1237

**533013**  
**533013-300** Dimmable Dali  
**533013-310** Dimmable 1-10  
 White 4000K  
 lm LED 2168 ≠ lm OUTPUT 1330

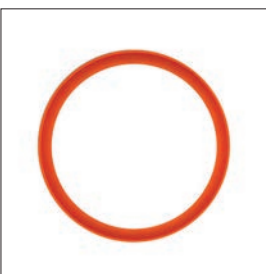


@ 4000K

IP66

## Anna310 - Bicolour Structure White-Orange

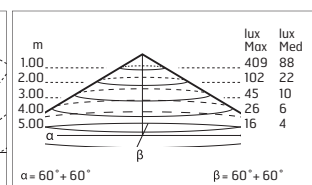
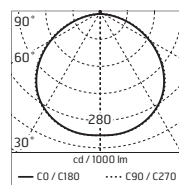
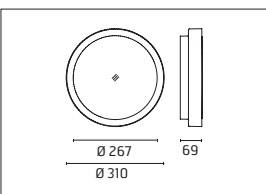
Light Source: Mid-Power LED / 14,3W / Total power 15,5W / CRI>80 / 220÷240V / Integral electronic power supply



**533058**  
**533058-300** Dimmable Dali  
**533058-310** Dimmable 1-10  
 White 2700K  
 lm LED 1874 ≠ lm OUTPUT 1150

**533018**  
**533018-300** Dimmable Dali  
**533018-310** Dimmable 1-10  
 White 3000K  
 lm LED 2015 ≠ lm OUTPUT 1237

**533014**  
**533014-300** Dimmable Dali  
**533014-310** Dimmable 1-10  
 White 4000K  
 lm LED 2168 ≠ lm OUTPUT 1330

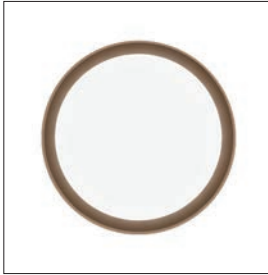


@ 4000K

IP66

### Anna310 - Bicolour Structure White-Brown

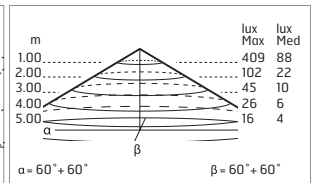
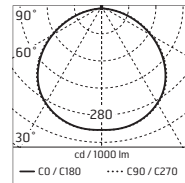
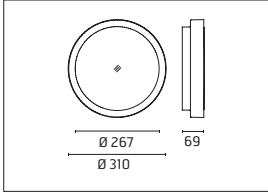
Light Source: Mid-Power LED / 14,1W / Total power 18W / CRI>80 / 220÷240V / Integral electronic power supply



**533059**  
**533059-300** Dimmable Dali  
**533059-310** Dimmable 1-10  
 White 2700K  
 lm LED 1874 ≠ lm OUTPUT 1150

**533019**  
**533019-300** Dimmable Dali  
**533019-310** Dimmable 1-10  
 White 3000K  
 lm LED 2015 ≠ lm OUTPUT 1237

**533015**  
**533015-300** Dimmable Dali  
**533015-310** Dimmable 1-10  
 White 4000K  
 lm LED 2168 ≠ lm OUTPUT 1330

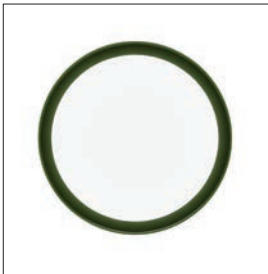


@ 4000K

IP66

### Anna310 - Bicolour Structure White-Green

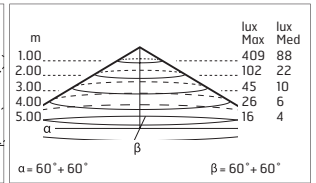
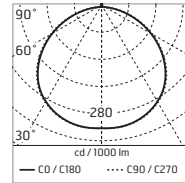
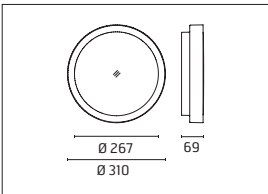
Light Source: Mid-Power LED / 14,1W / Total power 18W / CRI>80 / 220÷240V / Integral electronic power supply



**533060**  
**533060-300** Dimmable Dali  
**533060-310** Dimmable 1-10  
 White 2700K  
 lm LED 1874 ≠ lm OUTPUT 1150

**533016**  
**533016-300** Dimmable Dali  
**533016-310** Dimmable 1-10  
 White 3000K  
 lm LED 2015 ≠ lm OUTPUT 1237

**533020**  
**533020-300** Dimmable Dali  
**533020-310** Dimmable 1-10  
 White 4000K  
 lm LED 2168 ≠ lm OUTPUT 1330



@ 4000K

IP66

## Anna410

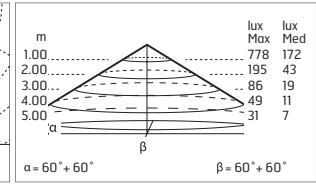
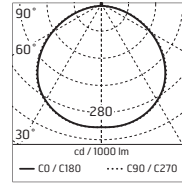
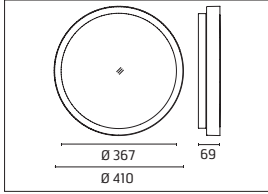
Light Source: Mid-Power LED / 27,9W / Total power 34W / CRI>80 / 220÷240V / Integral electronic power supply



**533052**  
**533052-300** Dimmable Dali  
**533052-310** Dimmable 1-10  
 White 2700K  
 lm LED 3590 ≠ lm OUTPUT 2345

**533022**  
**533022-300** Dimmable Dali  
**533022-310** Dimmable 1-10  
 White 3000K  
 lm LED 3860 ≠ lm OUTPUT 2521

**533021**  
**533021-300** Dimmable Dali  
**533021-310** Dimmable 1-10  
 White 4000K  
 lm LED 4152 ≠ lm OUTPUT 2712

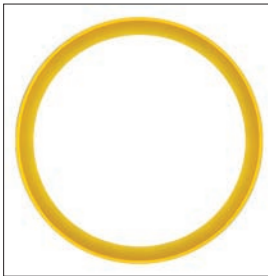


@ 4000K

IP66

## Anna410 - Bicolour Structure White-Yellow

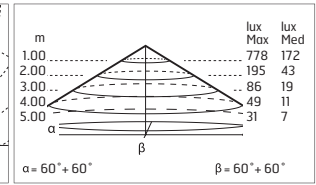
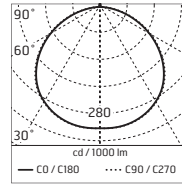
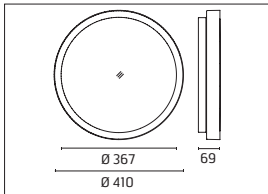
Light Source: Mid-Power LED / 27,9W / Total power 34W / CRI>80 / 220÷240V / Integral electronic power supply



**533061**  
**533061-300** Dimmable Dali  
**533061-310** Dimmable 1-10  
 White 2700K  
 lm LED 3590 ≠ lm OUTPUT 2345

**533023**  
**533023-300** Dimmable Dali  
**533023-310** Dimmable 1-10  
 White 3000K  
 lm LED 3860 ≠ lm OUTPUT 2521

**533027**  
**533027-300** Dimmable Dali  
**533027-310** Dimmable 1-10  
 White 4000K  
 lm LED 4152 ≠ lm OUTPUT 2712

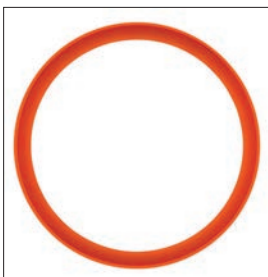


@ 4000K

IP66

## Anna410 - Bicolour Structure White-Orange

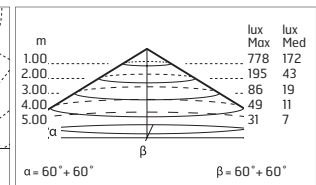
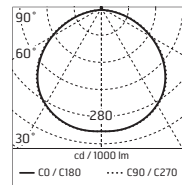
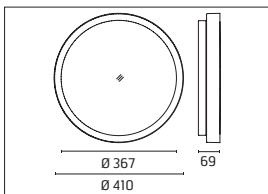
Light Source: Mid-Power LED / 27,9W / Total power 34W / CRI>80 / 220÷240V / Integral electronic power supply



**533062**  
**533062-300** Dimmable Dali  
**533062-310** Dimmable 1-10  
 White 2700K  
 lm LED 3590 ≠ lm OUTPUT 2345

**533024**  
**533024-300** Dimmable Dali  
**533024-310** Dimmable 1-10  
 White 3000K  
 lm LED 3860 ≠ lm OUTPUT 2521

**533028**  
**533028-300** Dimmable Dali  
**533028-310** Dimmable 1-10  
 White 4000K  
 lm LED 4152 ≠ lm OUTPUT 2712

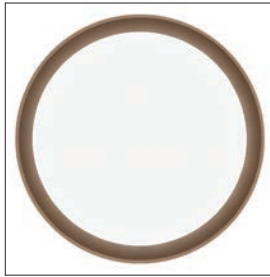


@ 4000K

IP66

### Anna410 - Bicolour Structure White-Brown

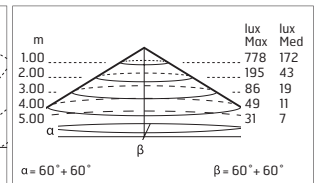
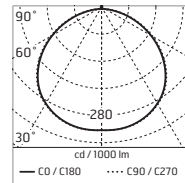
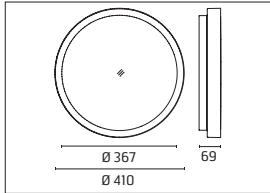
Light Source: Mid-Power LED / 27,9W / Total power 34W / CRI>80 / 220÷240V / Integral electronic power supply



**533063**  
**533063-300** Dimmable Dali  
**533063-310** Dimmable 1-10  
 White 2700K  
 lm LED 3590 ≠ lm OUTPUT 2345

**533029**  
**533029-300** Dimmable Dali  
**533029-310** Dimmable 1-10  
 White 3000K  
 lm LED 3860 ≠ lm OUTPUT 2521

**533025**  
**533025-300** Dimmable Dali  
**533025-310** Dimmable 1-10  
 White 4000K  
 lm LED 4152 ≠ lm OUTPUT 2712

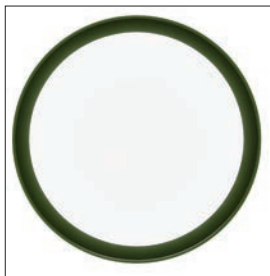


@ 4000K

IP66

### Anna410 - Bicolour Structure White-Green

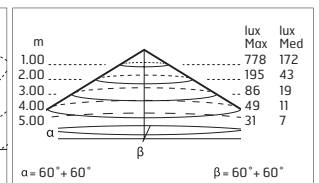
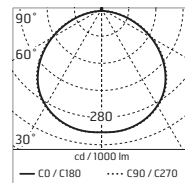
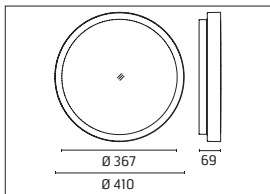
Light Source: Mid-Power LED / 27,9W / Total power 34W / CRI>80 / 220÷240V / Integral electronic power supply



**533064**  
**533064-300** Dimmable Dali  
**533064-310** Dimmable 1-10  
 White 2700K  
 lm LED 3590 ≠ lm OUTPUT 2345

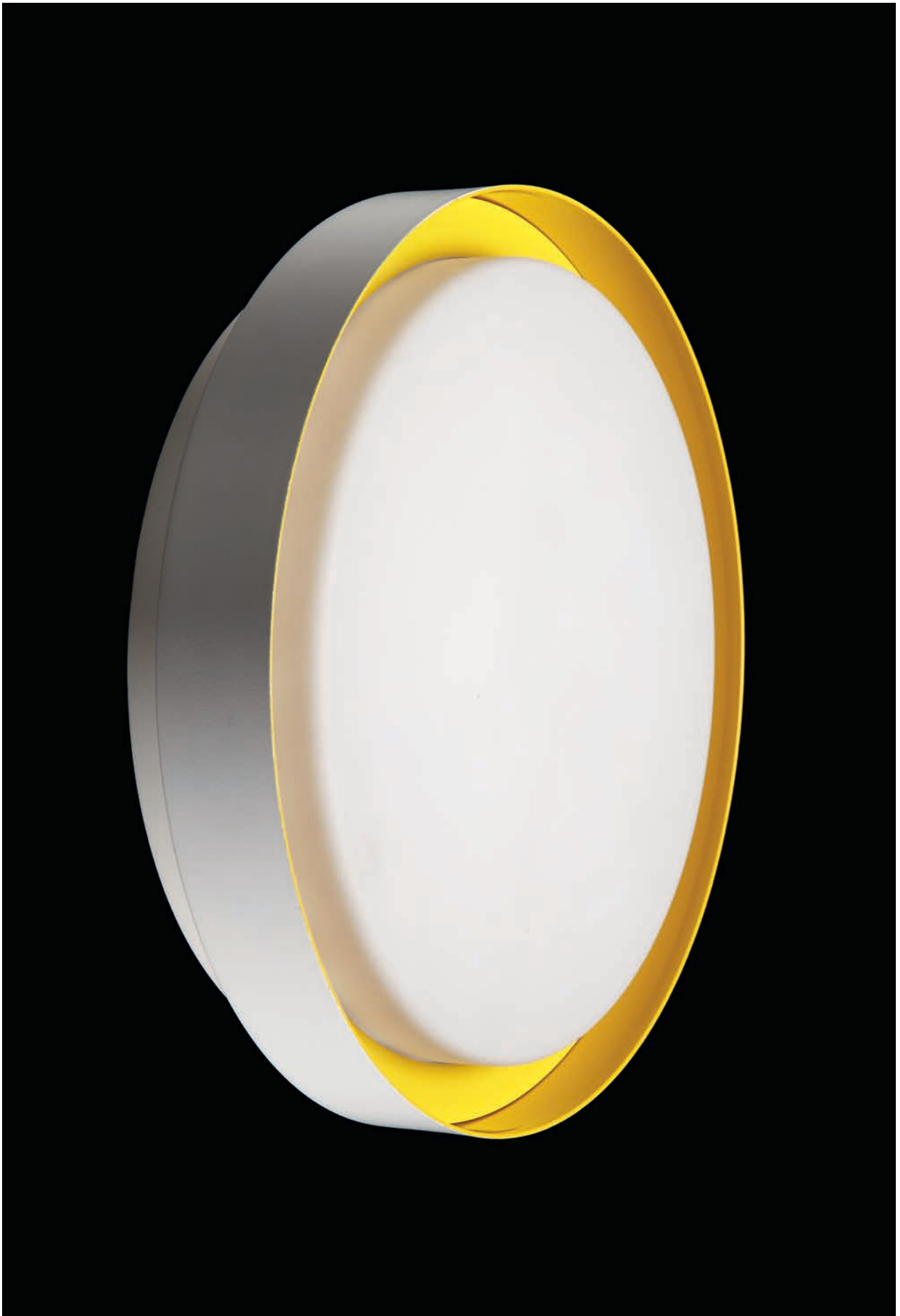
**533030**  
**533030-300** Dimmable Dali  
**533030-310** Dimmable 1-10  
 White 3000K  
 lm LED 3860 ≠ lm OUTPUT 2521

**533026**  
**533026-300** Dimmable Dali  
**533026-310** Dimmable 1-10  
 White 4000K  
 lm LED 4152 ≠ lm OUTPUT 2712



@ 4000K

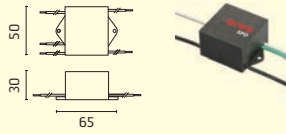
IP66



## Accessories: Anna

### 237

SPD: (SURGE PROTECTION DEVICE) 275Vac  
 MAXIMUM DISCHARGE CURRENT 10KA (8/20µs)  
 MAXIMUM OPERATING CURRENT 5A  
 SUITABLE FOR SERIES CONNECTION - IP66



acc. code ▶	dimmi DALI	dimmi 1-10	237
533001			•
533002			•
533003			•
533004			•
533005			•
533006			•
533007			•
533008			•
533009			•
533010			•
533011	-300	-310	•
533012	-300	-310	•
533013	-300	-310	•
533014	-300	-310	•
533015	-300	-310	•
533016	-300	-310	•
533017	-300	-310	•
533018	-300	-310	•
533019	-300	-310	•
533020	-300	-310	•
533021	-300	-310	•
533022	-300	-310	•
533023	-300	-310	•
533024	-300	-310	•
533025	-300	-310	•
533026	-300	-310	•
533028	-300	-310	•
533027	-300	-310	
533029	-300	-310	•
533030	-300	-310	•
533050			•
533051			•
533052	-300	-310	•
533053	-300	-310	•
533054			•
533055			•
533056			•
533057	-300	-310	•
533058	-300	-310	•
533059	-300	-310	•
533060	-300	-310	•
533061	-300	-310	•
533062	-300	-310	•
533063	-300	-310	•
533064	-300	-310	•







## LaDina

- Decorative portable/ suspended lamp.
- Configuration: polyethylene structure with satin white emitting unit and colour closing screw-on cap. Anti-loosening system.
- Protection rating: IP44
- In compliance with EN60598-1 standards
- Class of Insulation: II
- Installation: the luminaire is equipped with a 5000mm black neoprene cable, a CEE 7/17 plug (schuko compatible) and a Velcro strap to coil the cable up or to be wrapped around the handle for a quick fixing as suspended lamp.

EU Regulation 874/2012 - Illumination equipment energy classes

**A** **FLUORESCENT VERSION:**  
Class A  
TC-TSE/E27

## LamegaDina

- Decorative portable floor lamp.
- Configuration: polyethylene structure with satin white emitting unit and colour closing screw-on cap. Anti-loosening system.
- Protection rating: IP44
- In compliance with EN60598-1 standards
- Class of Insulation: II
- Installation: the luminaire is equipped with a 5000mm black neoprene cable and a CEE 7/17 plug (schuko compatible).



Floor Lamp  
LamegaDina



Suspended Lamp  
LaDina



The fitting is equipped with 1 cable input with plug.  
Cable length: 5000mm

Snow



Sand



Fuchsia



Land



Night



Carrot



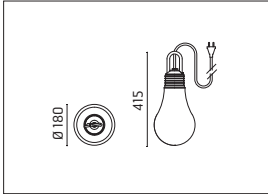
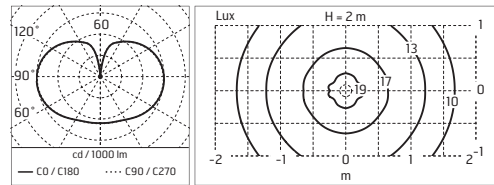


## LaDina



- 500001 - Snow
- 500002 - Sand
- 500003 - Fuchsia
- 500004 - Land
- 500005 - Night
- 500006 - Carrot

TC-TSE 20Wmax/230V E27  
(Ø max bulb 53mm)



Photometric curve not available

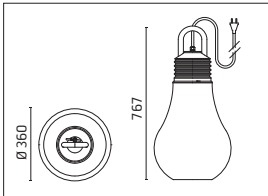
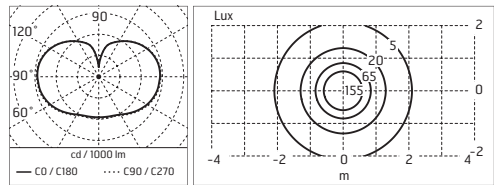
IP44

## LamegaDina



- 500007 - Snow
- 500008 - Sand
- 500009 - Fuchsia
- 500010 - Land
- 500011 - Night
- 500012 - Carrot

TC-TSE 30Wmax/230V E27  
(Ø max bulb 87mm)



Photometric curve not available

IP44







- Round luminaire for installation in-ground – recessed.
- Configuration: three sizes available. Die-cast aluminium structure and heat sink, EN AB-47100 alloy (low copper content). AISI 316L stainless steel outer frame. Glass diffuser: transparent with silkscreen border.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Light Emission: Fully adjustable optic, different beams
- Protection rating: IP67
- In compliance with EN60598-1 standards
- Class of insulation: II
- Installation: the luminaire is equipped with a watertight M12 screw-connector providing optimal insulation against water ingress and quick connection to the power supply unit (supplied with the luminaire as a remote IP67 Kit with electronic power supply). The power supply unit is equipped with a piece of cable of 400mm with screw connector towards the luminaire and a piece of cable of 300mm to be used for wiring. Outdoor use requires suitable flexible cables. Installation requires a dedicated box to be ordered separately. It is important to provide a >300mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



.0 Inox



Recessed ground fitting



Installation requires a 30cm water drainage layer (gravel)



Do not install in hollow areas



Pre-wired with approx 250mm of cable



Protection against water ingress from the cable



Naboo 145 - Naboo 225  
Static load: 2000Kg walk over  
Naboo 290  
Static load: 3000Kg walk over



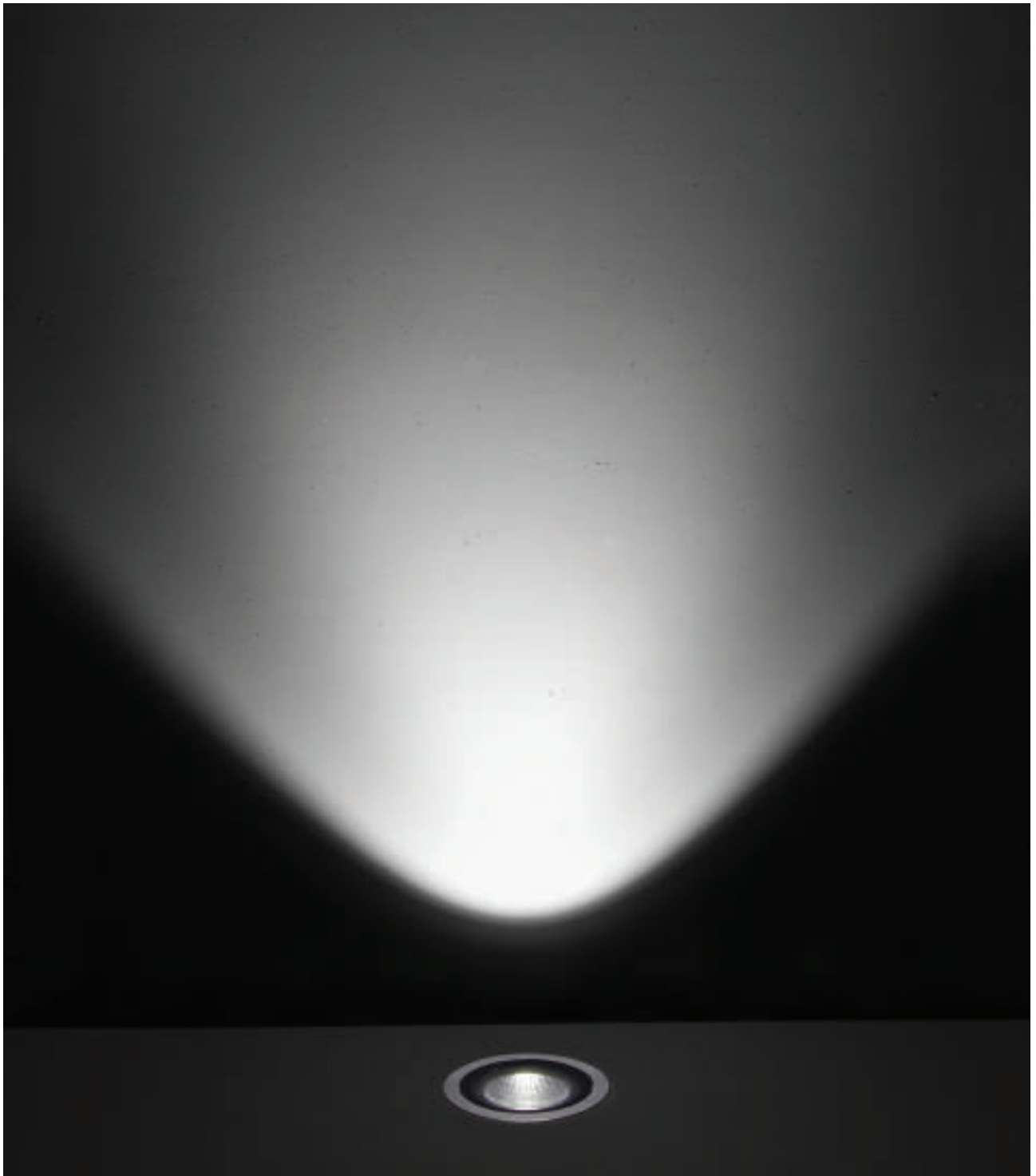
Drive over



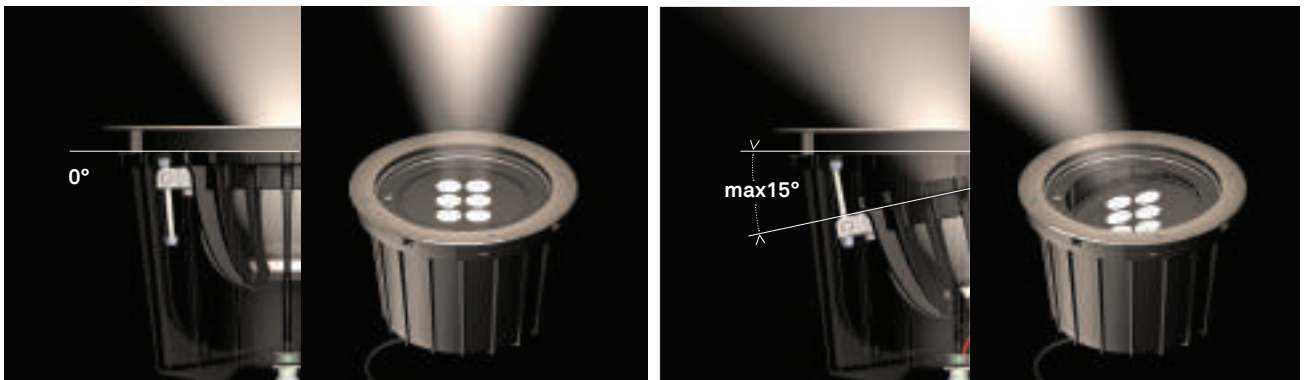
Glass surface temperature <70°C



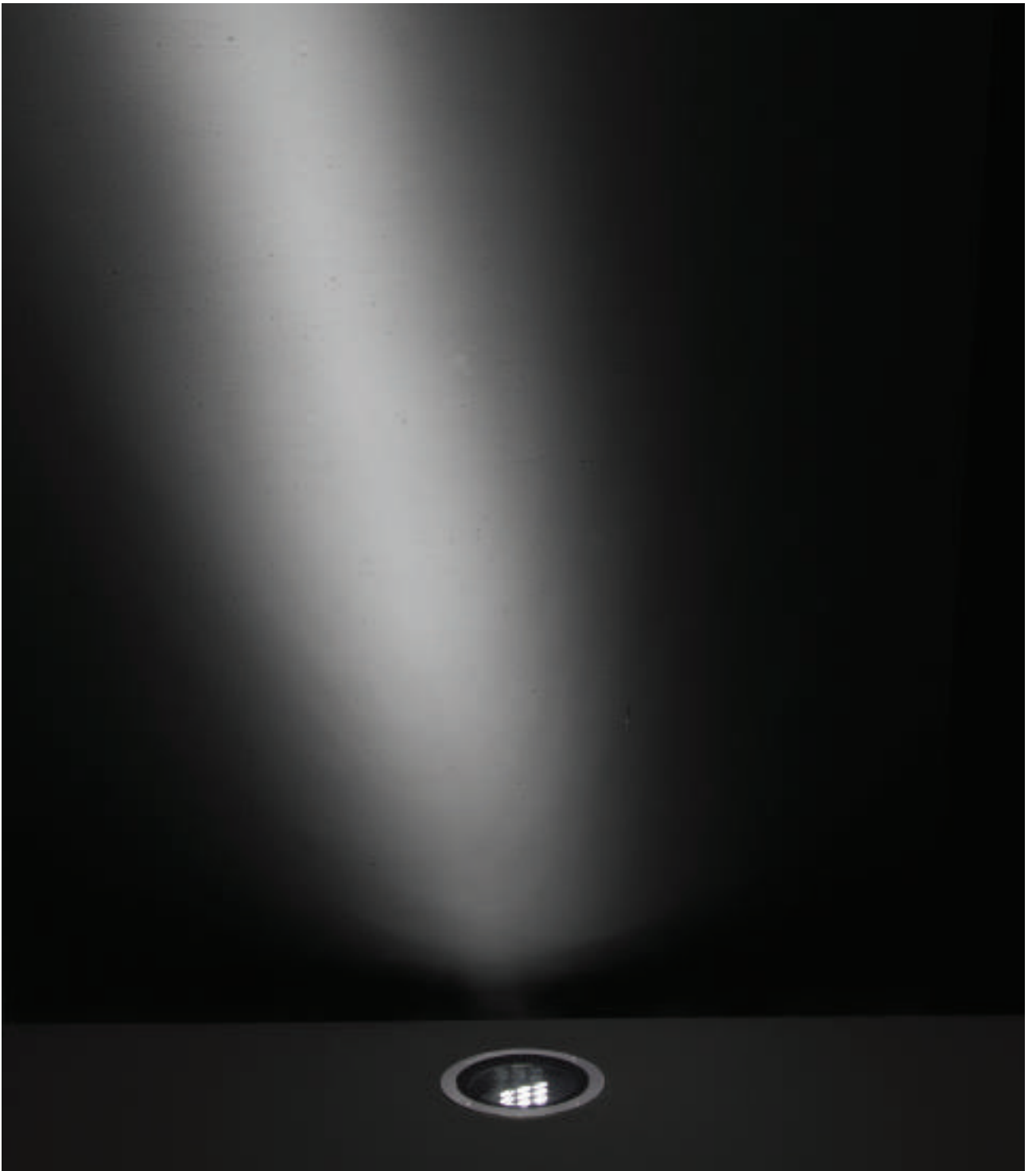
Protection against impact  
IK 10 - 20,00 joule



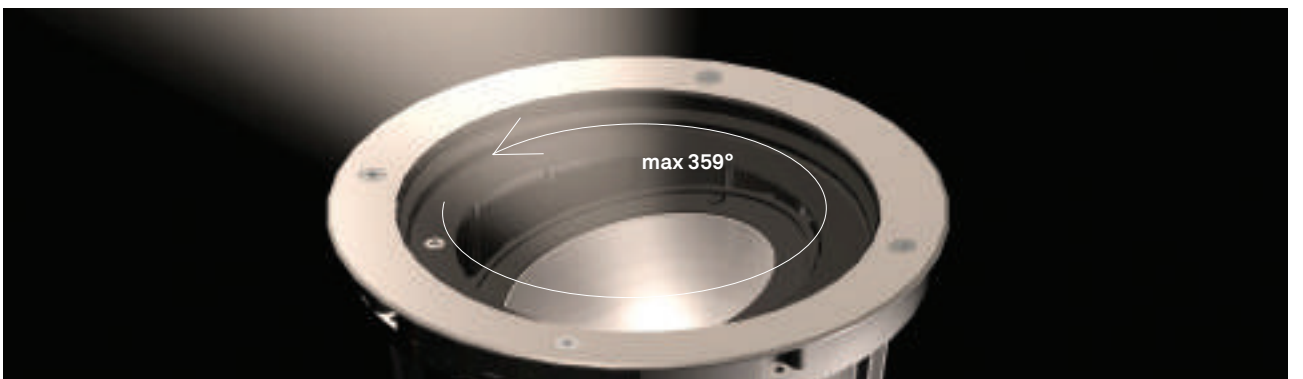
Adjustment on the horizontal axis: max 15°



Naboo



Rotation around the vertical axis: max 359°



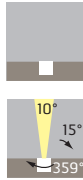
Naboo





### Naboo145 - Adjustable Optic - 10°

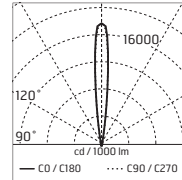
Light Source: Power LED / 6W / Total power 8W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**534051**  
White 2700K  
lm LED 509 ≈ lm OUTPUT 451

**534003**  
White 3000K  
lm LED 547 ≈ lm OUTPUT 485

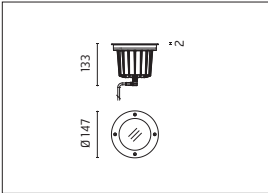
**534002**  
White 4000K  
lm LED 630 ≈ lm OUTPUT 558



m	α	β	lux	
			Max	Med
5.00			408	273
4.00			638	426
3.00			1134	757
2.00			2552	1704
1.00			10206	6815

α = 5.0° + 5.0°      β = 5.0° + 5.0°

@ 4000K

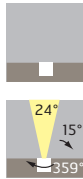


Dimmable on request

IP67

### Naboo145 - Adjustable Optic - 24°

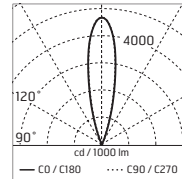
Light Source: Power LED / 6W / Total power 8W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**534052**  
White 2700K  
lm LED 509 ≈ lm OUTPUT 472

**534006**  
White 3000K  
lm LED 547 ≈ lm OUTPUT 507

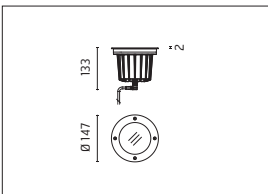
**534005**  
White 4000K  
lm LED 630 ≈ lm OUTPUT 583



m	α	β	lux	
			Max	Med
5.00			110	70
4.00			172	109
3.00			306	194
2.00			689	437
1.00			2756	1747

α = 12.0° + 12.0°      β = 12.0° + 12.0°

@ 4000K

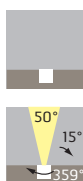


Dimmable on request

IP67

### Naboo145 - Adjustable Optic - 50°

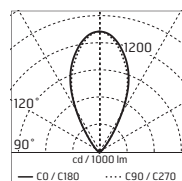
Light Source: Power LED / 6W / Total power 8W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**534053**  
White 2700K  
lm LED 509 ≈ lm OUTPUT 433

**534009**  
White 3000K  
lm LED 547 ≈ lm OUTPUT 466

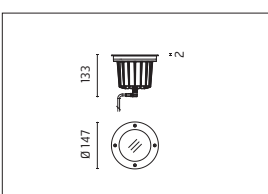
**534008**  
White 4000K  
lm LED 630 ≈ lm OUTPUT 536



m	α	β	lux	
			Max	Med
5.00			25	14
4.00			40	21
3.00			70	38
2.00			158	85
1.00			633	338

α = 25.0° + 25.0°      β = 25.0° + 25.0°

@ 4000K



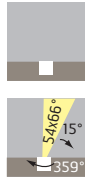
Dimmable on request

IP67



### Naboo145 - Adjustable Optic- Asymmetric 54°x 66°

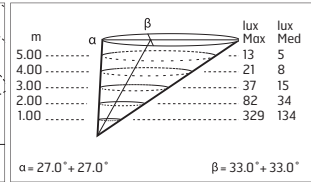
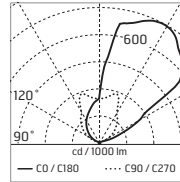
Light Source: Power LED / 6W / Total power 8W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



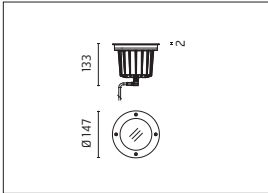
**534054**  
White 2700K  
lm LED 509 ≈ lm OUTPUT 413

**534012**  
White 3000K  
lm LED 547 ≈ lm OUTPUT 444

**534011**  
White 4000K  
lm LED 630 ≈ lm OUTPUT 511



@ 4000K

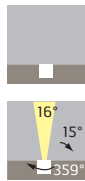


Dimmable on request

IP67

### Naboo145 - Adjustable Optic - 16°

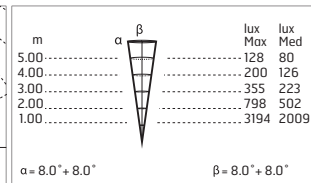
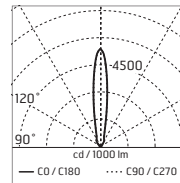
Light Source: CoB LED / 6W / Total power 9W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



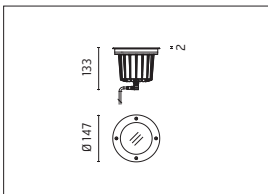
**534055**  
White 2700K  
lm LED 857 ≈ lm OUTPUT 518

**534015**  
White 3000K  
lm LED 922 ≈ lm OUTPUT 575

**534014**  
White 4000K  
lm LED 959 ≈ lm OUTPUT 579



@ 4000K

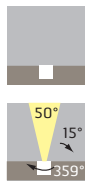


Dimmable on request

IP67

### Naboo145 - Adjustable Optic - 50°

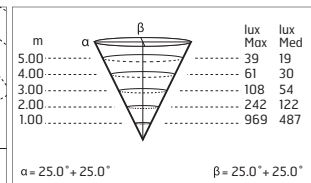
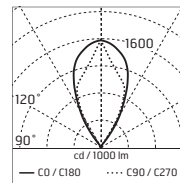
Light Source: CoB LED / 6W / Total power 9W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



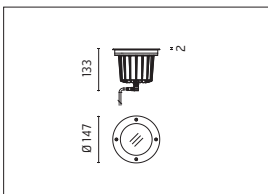
**534056**  
White 2700K  
lm LED 857 ≈ lm OUTPUT 545

**534018**  
White 3000K  
lm LED 922 ≈ lm OUTPUT 586

**534017**  
White 4000K  
lm LED 959 ≈ lm OUTPUT 610



@ 4000K

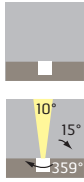


Dimmable on request

IP67

### Naboo225 - Adjustable Optic - 10°

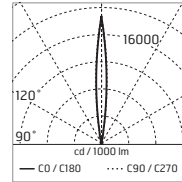
Light Source: Power LED / 16,8W / Total power 21W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**534057**  
**534057-300** Dimmable Dali  
**534057-310** Dimmable 1-10  
 White 2700K  
 lm LED 1691 ≠ lm OUTPUT 1373

**534021**  
**534021-300** Dimmable Dali  
**534021-310** Dimmable 1-10  
 White 3000K  
 lm LED 1818 ≠ lm OUTPUT 1476

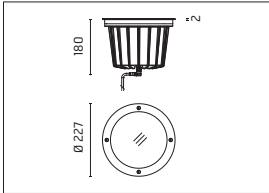
**534020**  
**534020-300** Dimmable Dali  
**534020-310** Dimmable 1-10  
 White 4000K  
 lm LED 1935 ≠ lm OUTPUT 1572



m	lux	
	Max	Med
5.00	1185	679
4.00	1852	1060
3.00	3292	1885
2.00	7408	4242
1.00	29631	16967

$\alpha = 5.0^\circ + 5.0^\circ$        $\beta = 5.0^\circ + 5.0^\circ$

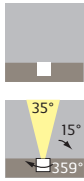
@ 4000K



IP67

### Naboo225 - Adjustable Optic - 35°

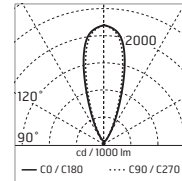
Light Source: Power LED / 16,8W / Total power 21W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**534058**  
**534058-300** Dimmable Dali  
**534058-310** Dimmable 1-10  
 White 2700K  
 lm LED 1691 ≠ lm OUTPUT 1141

**534024**  
**534024-300** Dimmable Dali  
**534024-310** Dimmable 1-10  
 White 3000K  
 lm LED 1818 ≠ lm OUTPUT 1227

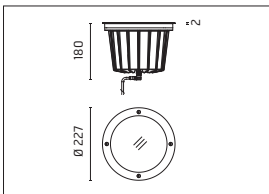
**534023**  
**534023-300** Dimmable Dali  
**534023-310** Dimmable 1-10  
 White 4000K  
 lm LED 1935 ≠ lm OUTPUT 1306



m	lux	
	Max	Med
5.00	114	68
4.00	178	107
3.00	317	189
2.00	714	426
1.00	2854	1704

$\alpha = 17.0^\circ + 17.0^\circ$        $\beta = 17.0^\circ + 17.0^\circ$

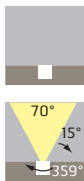
@ 4000K



IP67

### Naboo225 - Adjustable Optic - 70°

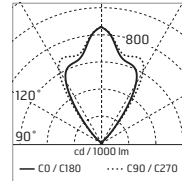
Light Source: Power LED / 16,8W / Total power 21W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**534059**  
**534059-300** Dimmable Dali  
**534059-310** Dimmable 1-10  
 White 2700K  
 lm LED 1691 ≠ lm OUTPUT 1380

**534027**  
**534027-300** Dimmable Dali  
**534027-310** Dimmable 1-10  
 White 3000K  
 lm LED 1818 ≠ lm OUTPUT 1484

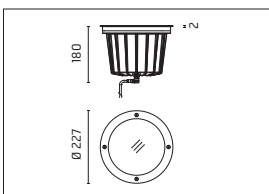
**534026**  
**534026-300** Dimmable Dali  
**534026-310** Dimmable 1-10  
 White 4000K  
 lm LED 1935 ≠ lm OUTPUT 1580



m	lux	
	Max	Med
5.00	54	26
4.00	85	40
3.00	151	71
2.00	341	160
1.00	1362	638

$\alpha = 35.0^\circ + 35.0^\circ$        $\beta = 35.0^\circ + 35.0^\circ$

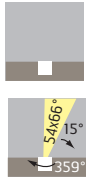
@ 4000K



IP67

## Naboo225 -Adjustable Optic - Asymmetric 54°x 66°

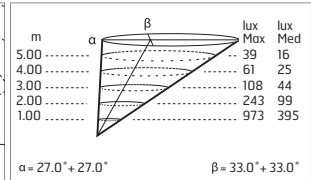
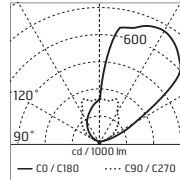
Light Source: Power LED / 16,8W / Total power 21W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



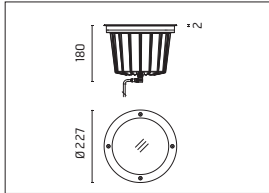
**534060**  
**534060-300** Dimmable Dali  
**534060-310** Dimmable 1-10  
 White 2700K  
 lm LED 1691 ≠ lm OUTPUT 1373

**534030**  
**534030-300** Dimmable Dali  
**534030-310** Dimmable 1-10  
 White 3000K  
 lm LED 1818 ≠ lm OUTPUT 1476

**534029**  
**534029-300** Dimmable Dali  
**534029-310** Dimmable 1-10  
 White 4000K  
 lm LED 1935 ≠ lm OUTPUT 1572



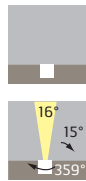
@ 4000K



IP67

## Naboo225 -Adjustable Optic - 16°

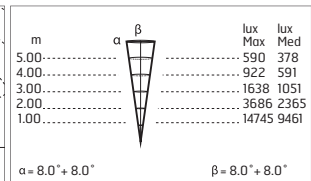
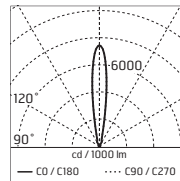
Light Source: CoB LED / 17W / Total power 21W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



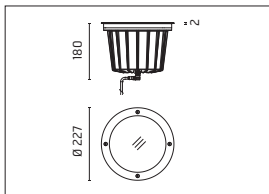
**534061**  
**534061-300** Dimmable Dali  
**534061-310** Dimmable 1-10  
 White 2700K  
 lm LED 2246 ≠ lm OUTPUT 1739

**534032**  
**534032-300** Dimmable Dali  
**534032-310** Dimmable 1-10  
 White 3000K  
 lm LED 2415 ≠ lm OUTPUT 1870

**534031**  
**534031-300** Dimmable Dali  
**534031-310** Dimmable 1-10  
 White 4000K  
 lm LED 2533 ≠ lm OUTPUT 1961



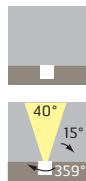
@ 4000K



IP67

## Naboo225 - Adjustable Optic - 40°

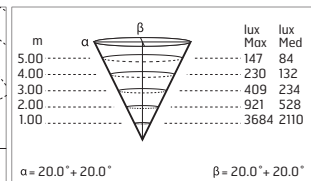
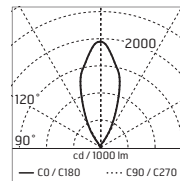
Light Source: CoB LED / 17W / Total power 21W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



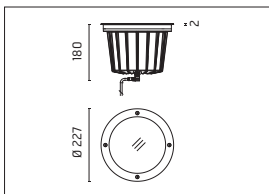
**534062**  
**534062-300** Dimmable Dali  
**534062-310** Dimmable 1-10  
 White 2700K  
 lm LED 2246 ≠ lm OUTPUT 1673

**534034**  
**534034-300** Dimmable Dali  
**534034-310** Dimmable 1-10  
 White 3000K  
 lm LED 2415 ≠ lm OUTPUT 1799

**534033**  
**534033-300** Dimmable Dali  
**534033-310** Dimmable 1-10  
 White 4000K  
 lm LED 2533 ≠ lm OUTPUT 1886



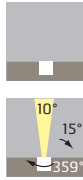
@ 4000K



IP67

### Naboo290 - Adjustable Optic - 10°

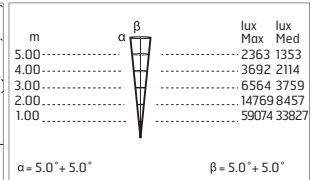
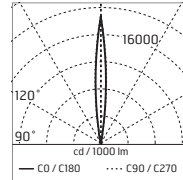
Light Source: Power LED / 33,5W / Total power 39W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



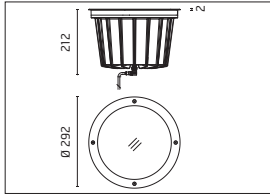
**534063**  
**534063-300** Dimmable Dali  
**534063-310** Dimmable 1-10  
 White 2700K  
 lm LED 3381 ≠ lm OUTPUT 2737

**534037**  
**534037-300** Dimmable Dali  
**534037-310** Dimmable 1-10  
 White 3000K  
 lm LED 3636 ≠ lm OUTPUT 2943

**534036**  
**534036-300** Dimmable Dali  
**534036-310** Dimmable 1-10  
 White 4000K  
 lm LED 3871 ≠ lm OUTPUT 3134



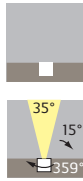
@ 4000K



IP67

### Naboo290 - Adjustable Optic - 35°

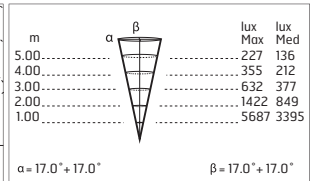
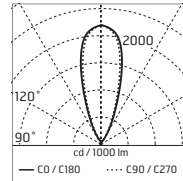
Light Source: Power LED / 33,5W / Total power 39W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



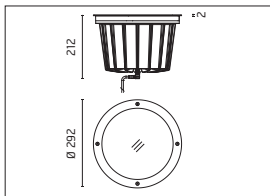
**534064**  
**534064-300** Dimmable Dali  
**534064-310** Dimmable 1-10  
 White 2700K  
 lm LED 3381 ≠ lm OUTPUT 2275

**534040**  
**534040-300** Dimmable Dali  
**534040-310** Dimmable 1-10  
 White 3000K  
 lm LED 3636 ≠ lm OUTPUT 2446

**534039**  
**534039-300** Dimmable Dali  
**534039-310** Dimmable 1-10  
 White 4000K  
 lm LED 3871 ≠ lm OUTPUT 2604



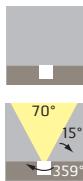
@ 4000K



IP67

### Naboo290 - Adjustable Optic - 70°

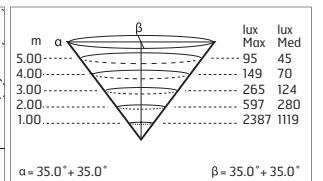
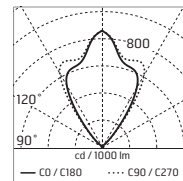
Light Source: Power LED / 33,5W / Total power 39W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



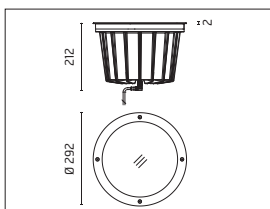
**534065**  
**534065-300** Dimmable Dali  
**534065-310** Dimmable 1-10  
 White 2700K  
 lm LED 3381 ≠ lm OUTPUT 2417

**534043**  
**534043-300** Dimmable Dali  
**534043-310** Dimmable 1-10  
 White 3000K  
 lm LED 3636 ≠ lm OUTPUT 2599

**534042**  
**534042-300** Dimmable Dali  
**534042-310** Dimmable 1-10  
 White 4000K  
 lm LED 3871 ≠ lm OUTPUT 2768



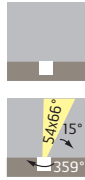
@ 4000K



IP67

## Naboo290 - Adjustable Optic - Asymmetric - 54°x 66°

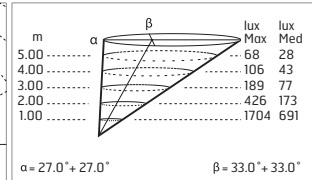
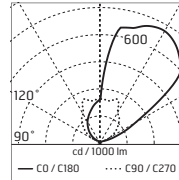
Light Source: Power LED / 33,5W / Total power 39W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



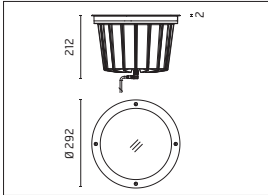
**534066**  
**534066-300** Dimmable Dali  
**534066-310** Dimmable 1-10  
 White 2700K  
 lm LED 3381 ≈ lm OUTPUT 2405

**534046**  
**534046-300** Dimmable Dali  
**534046-310** Dimmable 1-10  
 White 3000K  
 lm LED 3636 ≈ lm OUTPUT 2586

**534045**  
**534045-300** Dimmable Dali  
**534045-310** Dimmable 1-10  
 White 4000K  
 lm LED 3871 ≈ lm OUTPUT 2754



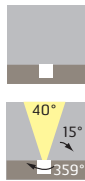
@ 4000K



IP67

## Naboo290 - Adjustable Optic - 40°

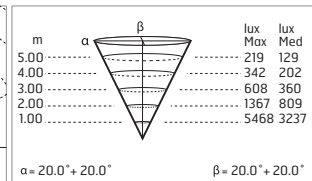
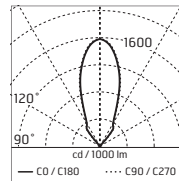
Light Source: CoB LED / 32W / Total power 38W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



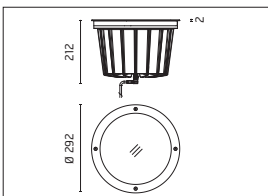
**534067**  
**534067-300** Dimmable Dali  
**534067-310** Dimmable 1-10  
 White 2700K  
 lm LED 4078 ≈ lm OUTPUT 3093

**534048**  
**534048-300** Dimmable Dali  
**534048-310** Dimmable 1-10  
 White 3000K  
 lm LED 4385 ≈ lm OUTPUT 3326

**534047**  
**534047-300** Dimmable Dali  
**534047-310** Dimmable 1-10  
 White 4000K  
 lm LED 4496 ≈ lm OUTPUT 3411



@ 4000K



IP67





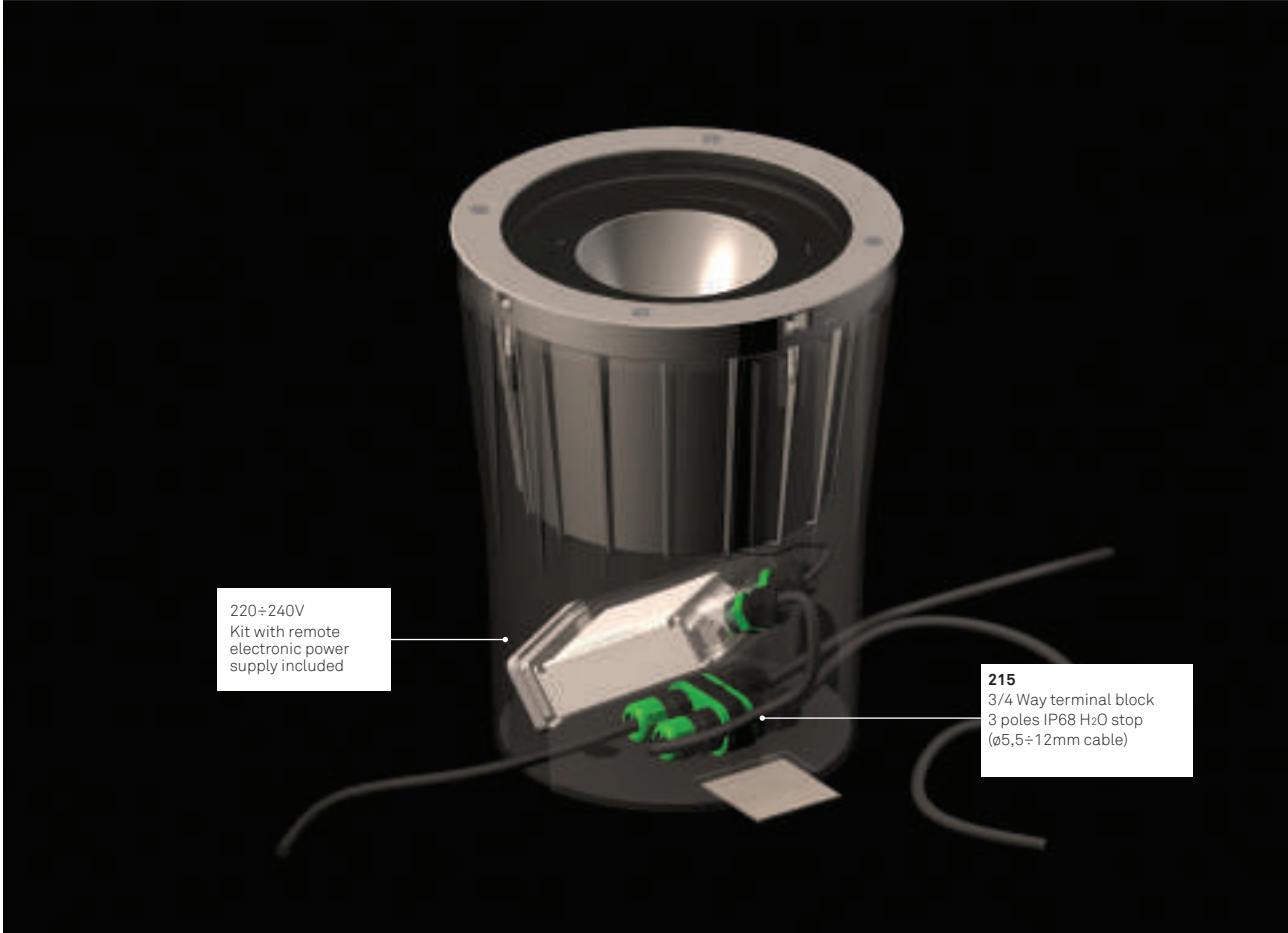












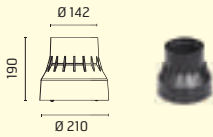
220÷240V  
Kit with remote  
electronic power  
supply included

**215**  
3/4 Way terminal block  
3 poles IP68 H<sub>2</sub>O stop  
(ø5,5÷12mm cable)



**Accessories: Naboo**

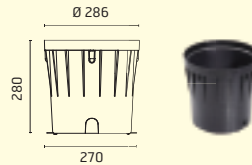
**188**  
BOX FOR INSTALLATION  
Ø 210 x H 190mm



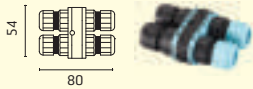
**189**  
BOX FOR INSTALLATION  
Ø 222 x H 280mm



**190**  
BOX FOR INSTALLATION  
Ø 286 x H 280mm



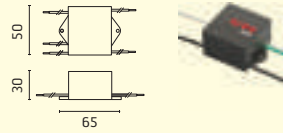
**215**  
3/4 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)



**236**  
2 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac.  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs) .  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNEC-  
TION - IP66



acc. code ▶	dim	dim	188	189	190	215	236	237
prod. code ▼	DALI	1-10						
534002			•			•	•	•
534003			•			•	•	•
534005			•			•	•	•
534006			•			•	•	•
534008			•			•	•	•
534009			•			•	•	•
534011			•			•	•	•
534012			•			•	•	•
534014			•			•	•	•
534015			•			•	•	•
534017			•			•	•	•
534018			•			•	•	•
534020	-300	-310		•		•	•	•
534021	-300	-310		•		•	•	•
534023	-300	-310		•		•	•	•
534024	-300	-310		•		•	•	•
534026	-300	-310		•		•	•	•
534027	-300	-310		•		•	•	•
534029	-300	-310		•		•	•	•
534030	-300	-310		•		•	•	•
534031	-300	-310		•		•	•	•
534032	-300	-310		•		•	•	•
534033	-300	-310		•		•	•	•
534034	-300	-310		•		•	•	•
534036	-300	-310			•	•	•	•
534037	-300	-310			•	•	•	•

acc. code ▶	dim	dim	188	189	190	215	236	237
prod. code ▼	DALI	1-10						
534039	-300	-310			•	•	•	•
534040	-300	-310			•	•	•	•
534042	-300	-310			•	•	•	•
534043	-300	-310			•	•	•	•
534045	-300	-310			•	•	•	•
534046	-300	-310			•	•	•	•
534047	-300	-310			•	•	•	•
534048	-300	-310			•	•	•	•
534051			•			•	•	•
534052			•			•	•	•
534053			•			•	•	•
534054			•			•	•	•
534055			•			•	•	•
534056			•			•	•	•
534057	-300	-310		•		•	•	•
534058	-300	-310		•		•	•	•
534059	-300	-310		•		•	•	•
534060	-300	-310		•		•	•	•
534061	-300	-310		•		•	•	•
534062	-300	-310		•		•	•	•
534063	-300	-310			•	•	•	•
534064	-300	-310			•	•	•	•
534065	-300	-310			•	•	•	•
534066	-300	-310			•	•	•	•
534067	-300	-310			•	•	•	•














- Round luminaire with radial emission for installation in-ground – recessed.
- Configuration: two sizes available. Die-cast aluminium structure, EN AB-47100 alloy (low copper content). Transparent borosilicate glass.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Light emission: one emission, two opposite emissions, four emissions.
- Protection rating: IP67
- In compliance with EN60598-1 standards
- Class of insulation: II; version 24V: III
- Installation: the luminaire is equipped with a watertight M12 screw-connector providing optimal insulation against water ingress. 220-240V: the power supply unit is equipped with a piece of cable of 400mm with screw connector towards the luminaire and a piece of cable of 300mm to be used for wiring. 24V: the luminaire is supplied with a piece of cable with screw-connector to be used for wiring. Outdoor use requires suitable flexible cables. Installation requires a dedicated box to be ordered separately. It is important to provide a >300mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation. Kamino 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring and is protected against polarity reversal and sudden voltage peak.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

**A++**  
**A+**  
**A**

**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



	Recessed ground fitting		Installation requires a 30cm water drainage layer (gravel)
	Do not install in hollow areas		Pre-wired with approx 250mm of cable
	Protection against water ingress from the cable		Static load: 2000Kg walk over
	Drive over		Glass surface temperature <70°C
	Protection against impact IK 09- 10,00 joule		

## Kamino130 - One Emission - 230V

Light Source: Power LED / CRI>80



1,1W / Total power 4W / 220÷240V

### 535041

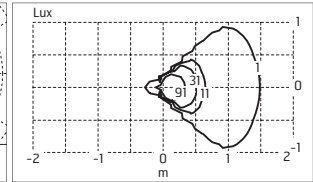
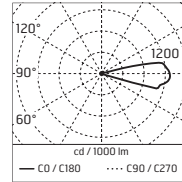
White 2700K  
lm LED 129 ≈ lm OUTPUT 35

### 535003

White 3000K  
lm LED 1x139 ≈ lm OUTPUT 1x38

### 535002

White 4000K  
lm LED 1x148 ≈ lm OUTPUT 1x41



@ 4000K

 Kit with remote electronic power supply included

Dimmable on request

1,1W / Total power 1,9W / 24Vdc

### 535042

White 2700K  
lm LED 129 ≈ lm OUTPUT 35

### 535021

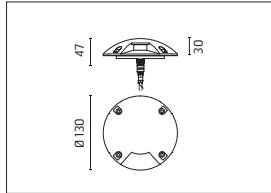
White 3000K  
lm LED 1x139 ≈ lm OUTPUT 1x38

### 535020

White 4000K  
lm LED 1x148 ≈ lm OUTPUT 1x41

 Remote electronic power supply to be ordered

IP67  



## Kamino130 - Two Emissions - 230V

Light Source: Power LED / CRI>80



2,2W / Total power 5W / 220÷240V

### 535043

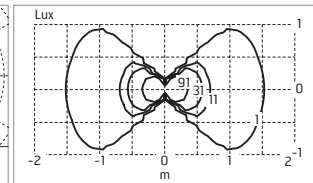
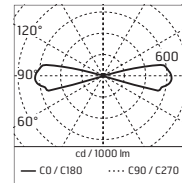
White 2700K  
lm LED 2x129 ≈ lm OUTPUT 2x35

### 535006

White 3000K  
lm LED 2x139 ≈ lm OUTPUT 2x38

### 535005

White 4000K  
lm LED 2x148 ≈ lm OUTPUT 2x41



@ 4000K

 Kit with remote electronic power supply included

Dimmable on request

2,2W / Total power 3,5W / 24Vdc

### 535044

White 2700K  
lm LED 2x129 ≈ lm OUTPUT 2x35

### 535024

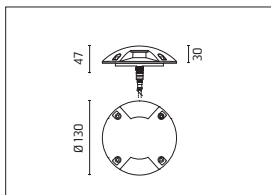
White 3000K  
lm LED 2x139 ≈ lm OUTPUT 2x38

### 535023

White 4000K  
lm LED 2x148 ≈ lm OUTPUT 2x41

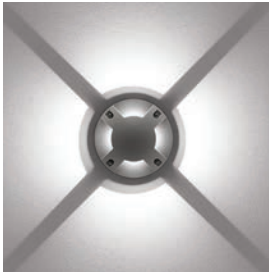
 Remote electronic power supply to be ordered

IP67  



## Kamino130 - Omnidirectional

Light Source: Power LED / CRI>80



4,4W / Total power 7W / 220÷240V

**535045**

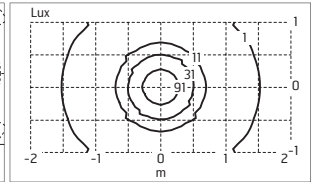
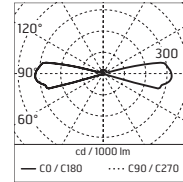
White 2700K  
lm LED 4x129 ≈ lm OUTPUT 4x35

**535009**

White 3000K  
lm LED 4x139 ≈ lm OUTPUT 4x38

**535008**

White 4000K  
lm LED 4x141 ≈ lm OUTPUT 4x41



@ 4000K

 Kit with remote electronic power supply included

Dimmable on request

4,4W / Total power 5,8W / 24Vdc

**535046**

White 2700K  
lm LED 4x129 ≈ lm OUTPUT 4x35

**535027**

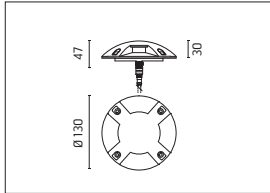
White 3000K  
lm LED 4x139 ≈ lm OUTPUT 4x38

**535026**

White 4000K  
lm LED 4x141 ≈ lm OUTPUT 4x41

 Remote electronic power supply to be ordered

IP67  



## Kamino180 - One Emission

Light Source: Power LED / CRI>80



2,2W / Total power 5W / 220÷240V

**535047**

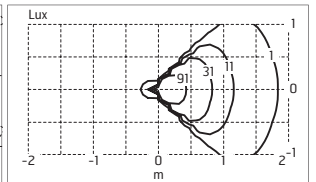
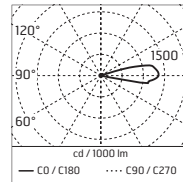
White 2700K  
lm LED 233 ≈ lm OUTPUT 64

**535012**

White 3000K  
lm LED 1x250 ≈ lm OUTPUT 1x69

**535011**

White 4000K  
lm LED 1x266 ≈ lm OUTPUT 1x74



@ 4000K

 Kit with remote electronic power supply included

Dimmable on request

2,2W / Total power 3,4W / 24Vdc

**535048**

White 2700K  
lm LED 233 ≈ lm OUTPUT 64

**535030**

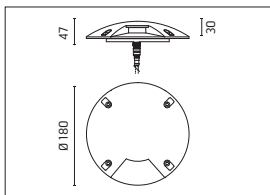
White 3000K  
lm LED 1x250 ≈ lm OUTPUT 1x69

**535029**

White 4000K  
lm LED 1x266 ≈ lm OUTPUT 1x74

 Remote electronic power supply to be ordered

IP67  



## Kamino180 - Two Emissions

Light Source: Power LED / CRI>80



4,4W / Total power 7W / 220÷240V

### 535049

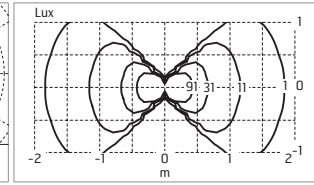
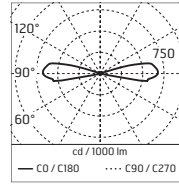
White 2700K  
lm LED 2x233 ≈ lm OUTPUT 2x64

### 535015

White 3000K  
lm LED 2x250 ≈ lm OUTPUT 2x69

### 535014

White 4000K  
lm LED 2x266 ≈ lm OUTPUT 2x74



@ 4000K

Kit with remote electronic power supply included

Dimmable on request

4,4W / Total power 6,4W / 24Vdc

### 535050

White 2700K  
lm LED 2x233 ≈ lm OUTPUT 2x64

### 535033

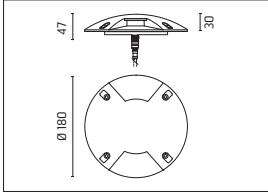
White 3000K  
lm LED 2x250 ≈ lm OUTPUT 2x69

### 535032

White 4000K  
lm LED 2x266 ≈ lm OUTPUT 2x74

Remote electronic power supply to be ordered

IP67



## Kamino180 - Omnidirectional

Light Source: Power LED / CRI>80



8,8W / Total power 12W / 220÷240V

### 535051

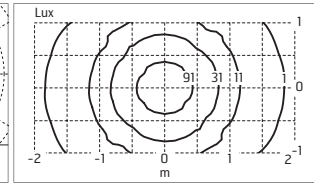
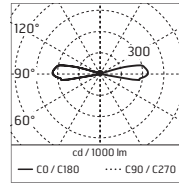
White 2700K  
lm LED 4x233 ≈ lm OUTPUT 4x64

### 535018

White 3000K  
lm LED 4x250 ≈ lm OUTPUT 4x69

### 535017

White 4000K  
lm LED 4x266 ≈ lm OUTPUT 4x74



@ 4000K

Kit with remote electronic power supply included

Dimmable on request

8,8W / Total power 11,2W / 24Vdc

### 535052

White 2700K  
lm LED 4x233 ≈ lm OUTPUT 4x64

### 535036

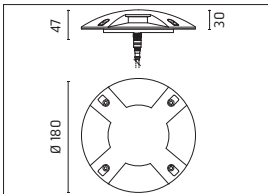
White 3000K  
lm LED 4x250 ≈ lm OUTPUT 4x69

### 535035

White 4000K  
lm LED 4x266 ≈ lm OUTPUT 4x69

Remote electronic power supply to be ordered

IP67

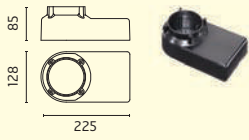




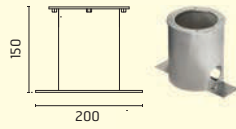


**Accessories: Kamino**

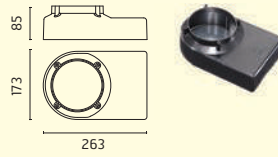
**192**  
BOX FOR INSTALLATION  
225 x 128 H 85mm



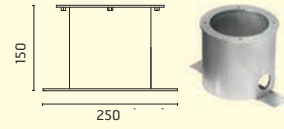
**193**  
HIGH RESISTANCE IN-GROUND BOX  
FOR INSTALLATION 200 H 150mm



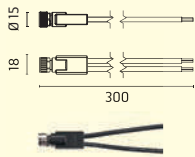
**194**  
BOX FOR INSTALLATION  
263 x 173 H 85mm



**195**  
HIGH RESISTANCE IN-GROUND BOX  
FOR INSTALLATION 250 H 150mm



**219**  
SPLITTER M12 CONNECTOR



**220**  
M12 CONNECTOR L.5000mm



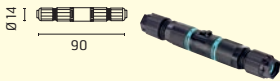
**215**  
3/4 WAY TERMINAL BLOCK 4 POLES  
IP68 H2O STOP (Ø5,5÷12mm CABLE)



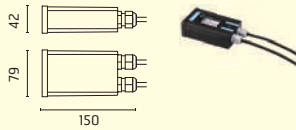
**236**  
2 WAY TERMINAL BLOCK 4 POLES  
IP68 H2O STOP (Ø5,5÷12mm CABLE)



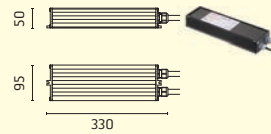
**269**  
2 WAY TERMINAL BLOCK 2 POLES IP68  
(Ø4÷6,9mm Cable)  
\*it can't be placed in the recessed box  
for installation



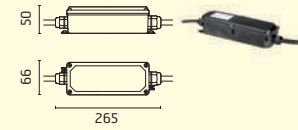
**147**  
POWER SUPPLY 20W/220÷240V - 24Vdc  
IP67 CLASS II SELV.



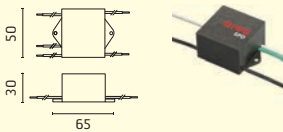
**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc  
IP67 CLASS II SELV.



**110**  
POWER SUPPLY 70W/220÷240V  
- 24Vdc  
IP67 CLASS II SELV EQ.



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNEC-  
TION - IP66



**Accessories: Kamino**

Version 24Vdc  
Remote electronic power supply to be ordered



acc. code ▶	192	193	194	195	219	220	215	236	147	155	110	237	269
prod. code ▼													
535002	•	•					•	•				•	•
535003	•	•					•	•				•	•
535005	•	•					•	•				•	•
535006	•	•					•	•				•	•
535008	•	•					•	•				•	•
535009	•	•					•	•				•	•
535011			•	•			•	•				•	•
535012			•	•			•	•				•	•
535014			•	•			•	•				•	•
535015			•	•			•	•				•	•
535017			•	•			•	•				•	•
535018			•	•			•	•				•	•
535020	•	•			•	•			5	16	33		
535021	•	•			•	•			5	16	33		
535023	•	•			•	•			2	10	19		
535024	•	•			•	•			2	10	19		
535026	•	•			•	•			1	7	12		
535027	•	•			•	•			1	7	12		
535029			•	•	•	•			3	8	16		
535030			•	•	•	•			3	8	16		
535032			•	•	•	•			2	5	8		
535033			•	•	•	•			2	5	8		
535035			•	•	•	•			1	3	6		
535036			•	•	•	•			1	3	6		
535041	•	•					•	•				•	•
535042	•	•			•	•			5	16	33		
535043	•	•					•	•				•	•
535044	•	•			•	•			2	10	19		
535045	•	•					•	•				•	•
535046	•	•			•	•			1	7	12		
535047			•	•			•	•				•	•
535048			•	•	•	•			3	8	16		
535049			•	•			•	•				•	•
535050			•	•	•	•			2	5	8		
535051			•	•			•	•				•	•
535052			•	•	•	•			1	3	6		

Version 220÷240V  
Kit with remote electronic power supply included



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.













- Square luminaire for installation in wall and ground – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser fixed to the aluminium body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with 300mm of cable for a quick connection. K12 Power LED is equipped with a dc/dc highly efficient converter that removes electromagnetic interference and allows parallel wiring. The whole range is protected against polarity reversal and sudden voltage peak. Outdoor use requires suitable flexible cables. Installation requires a dedicated box to be ordered separately. It is important to provide a >200mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced

	Recessed ground fitting		Recessed wall fitting
	Do not install in hollow areas		Installation requires a 20cm water drainage layer (gravel).
	Pre-wired with approx 300mm of cable.		Protection against water ingress from the cable (not for RGB versions)
	Remote device required.		Static load: 1500Kg walk over
	Glass surface temperature <70°C		Protection against impact. IK 10 - 20,00 joule

## K12sq - 10°

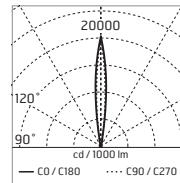
Light Source: Power LED / 6,2W / Total power 7,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**524015**  
White 2700K  
lm LED 637 ≈ lm OUTPUT 475

**524013**  
White 3000K  
lm LED 685 ≈ lm OUTPUT 511

**524012**  
White 4000K  
lm LED 730 ≈ lm OUTPUT 545

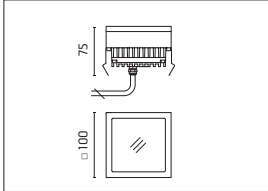


m	α	β	lux	
			Max	Med
5.00			444	268
4.00			693	419
3.00			1233	745
2.00			2773	1677
1.00			11093	6709

α = 5.0° + 5.0°

β = 5.0° + 5.0°

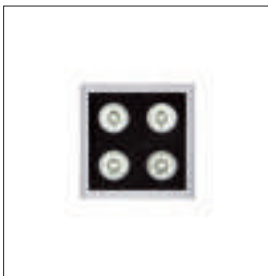
@ 4000K



IP67 CE

## K12sq - 40°

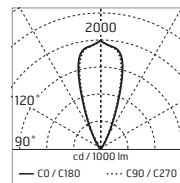
Light Source: Power LED / 6,2W / Total power 7,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**524025**  
White 2700K  
lm LED 637 ≈ lm OUTPUT 406

**524023**  
White 3000K  
lm LED 685 ≈ lm OUTPUT 437

**524022**  
White 4000K  
lm LED 730 ≈ lm OUTPUT 462

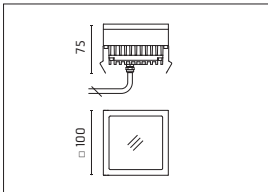


m	α	β	lux	
			Max	Med
5.00			37	23
4.00			57	35
3.00			101	63
2.00			228	141
1.00			913	565

α = 20.0° + 20.0°

β = 20.0° + 20.0°

@ 4000K

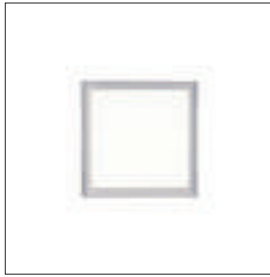


IP67 CE



## K12sq - Diffused Light

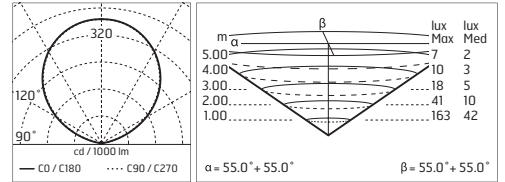
Light Source: Mid-Power LED / 5,2W / Total power 6,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



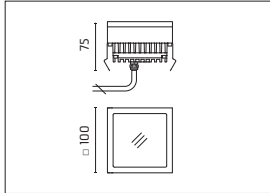
**524005**  
White 2700K  
lm LED 720  $\approx$  lm OUTPUT 396  
... Acc. 144, 176 or 252

**524003**  
White 3000K  
lm LED 774  $\approx$  lm OUTPUT 426  
... Acc. 144, 176 or 252

**524002**  
White 4000K  
lm LED 813  $\approx$  lm OUTPUT 447  
... Acc. 144, 176 or 252



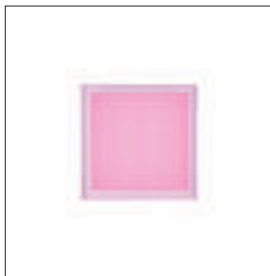
@ 4000K



IP67

## K12sq - Diffused Light

Light Source: RGB Low-Power LED / 4,6W / Total power 6,8W / CRI>80 / 3CH 24Vdc / Remote electronic power supply to be ordered

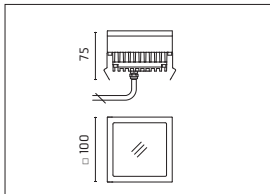


**524004**

### Wiring diagram and installation scheme RGB

Max 8 luminaires K12sq  
for each code 148

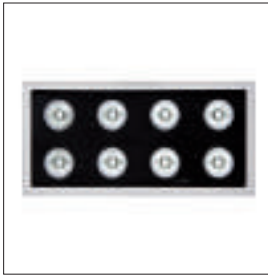
>> See Page 560  
Wiring Diagram n.6



IP67

## K12rc - 10°

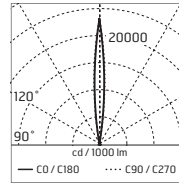
Light Source: Power LED / 12,4W / Total power 15W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**524515**  
White 2700K  
lm LED 1274 ≠ lm OUTPUT 907

**524513**  
White 3000K  
lm LED 1370 ≠ lm OUTPUT 975

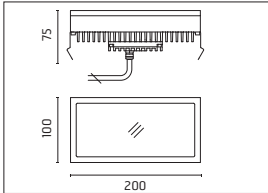
**524512**  
White 4000K  
lm LED 1459 ≠ lm OUTPUT 1031



m	α	β	lux	
			Max	Med
5.00			955	531
4.00			1493	830
3.00			2654	1476
2.00			5972	3321
1.00			23887	13284

α = 5.0° + 5.0°      β = 5.0° + 5.0°

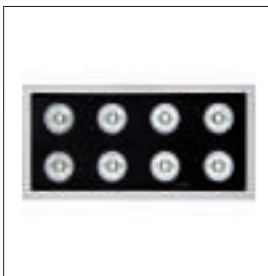
@ 4000K



IP67

## K12rc - 40°

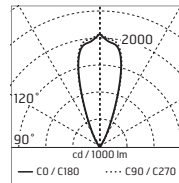
Light Source: Power LED / 12,4W / Total power 15W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**524525**  
White 2700K  
lm LED 1274 ≠ lm OUTPUT 797

**524523**  
White 3000K  
lm LED 1370 ≠ lm OUTPUT 857

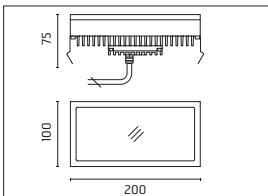
**524522**  
White 4000K  
lm LED 1459 ≠ lm OUTPUT 906



m	α	β	lux	
			Max	Med
5.00			76	46
4.00			118	73
3.00			210	129
2.00			472	290
1.00			1888	1161

α = 20.0° + 20.0°      β = 20.0° + 20.0°

@ 4000K



IP67

## K12rc - Diffused Light

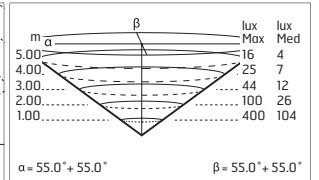
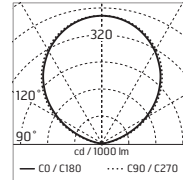
Light Source: Mid-Power LED / 11,7W / Total power 15,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



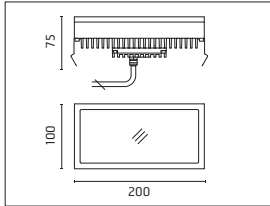
**524505**  
White 2700K  
lm LED 1620  $\approx$  lm OUTPUT 939  
... Acc. 144, 176 or 252

**524503**  
White 3000K  
lm LED 1734  $\approx$  lm OUTPUT 1009  
... Acc. 144, 176 or 252

**524502**  
White 4000K  
lm LED 1742  $\approx$  lm OUTPUT 1060  
... Acc. 144, 176 or 252



@ 4000K



IP67 CE

## K12rc - Diffused Light

Light Source: RGB Low-Power LED / 10W / Total power 10,5W / CRI>80 / 3CH 24Vdc / Remote electronic power supply to be ordered

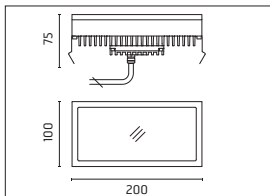


**524504**

### Wiring diagram and installation scheme RGB

Max 4 luminaires K12rc  
for each code 148

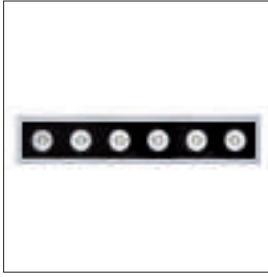
>> See Page 560  
Wiring Diagram n.6



IP67 CE

## K12ln - 10°

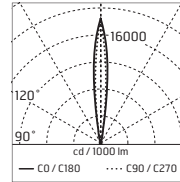
Light Source: Power LED / 9,3W / Total power 11,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**524115**  
White 2700K  
lm LED 955 ≠ lm OUTPUT 852

**524113**  
White 3000K  
lm LED 1027 ≠ lm OUTPUT 916

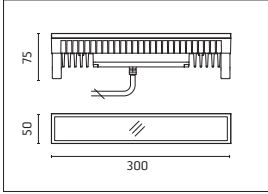
**524112**  
White 4000K  
lm LED 1094 ≠ lm OUTPUT 967



m	α	β	lux	
			Max	Med
5.00			710	444
4.00			1110	694
3.00			1973	1234
2.00			4440	2776
1.00			17761	11104

α = 5.0° + 5.0°      β = 5.0° + 5.0°

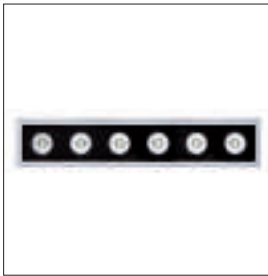
@ 4000K



IP67

## K12ln - 40°

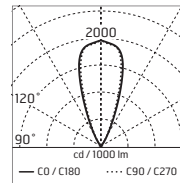
Light Source: Power LED / 9,3W / Total power 11,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**524125**  
White 2700K  
lm LED 955 ≠ lm OUTPUT 648

**524123**  
White 3000K  
lm LED 1027 ≠ lm OUTPUT 697

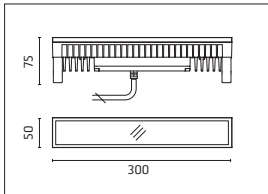
**524122**  
White 4000K  
lm LED 1094 ≠ lm OUTPUT 737



m	α	β	lux	
			Max	Med
5.00			58	36
4.00			90	57
3.00			161	101
2.00			362	228
1.00			1447	912

α = 20.0° + 20.0°      β = 20.0° + 20.0°

@ 4000K



IP67

## K12In - Diffused light

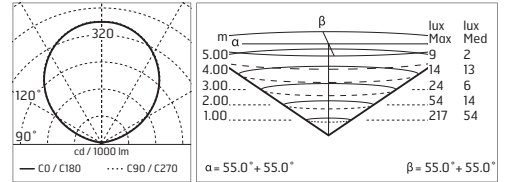
Light Source: Mid-Power LED / 7,8W / Total power 10,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



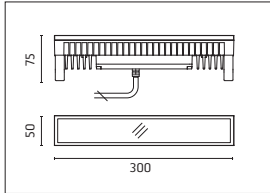
**524105**  
White 2700K  
lm LED 1080  $\approx$  lm OUTPUT 538  
...|||| Acc. 144, 176 or 252

**524103**  
White 3000K  
lm LED 1161  $\approx$  lm OUTPUT 578  
...|||| Acc. 144, 176 or 252

**524102**  
White 4000K  
lm LED 1219  $\approx$  lm OUTPUT 607  
...|||| Acc. 144, 176 or 252



@ 4000K



IP67 CE

## K12rc - Diffused light

Light Source: RGB Low-Power LED / 7,5W / Total power 8W / CRI>80 / 3CH 24Vdc / Remote electronic power supply to be ordered

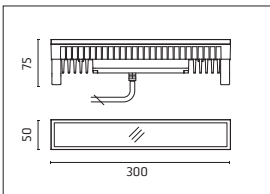


**524104**

### Wiring diagram and installation scheme RGB

Max 5 luminaires K12In  
for each code 148

>> See Page 560  
Wiring Diagram n.6



IP67 CE

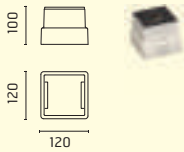




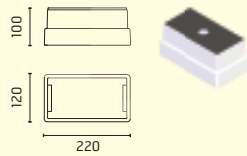


**Accessories: K12**

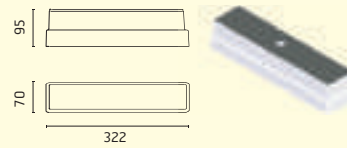
**151**  
BOX FOR INSTALLATION  
120 x 120 x H 95mm



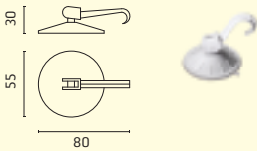
**152**  
BOX FOR INSTALLATION  
220 x 120 x H 95mm



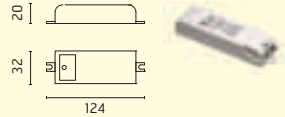
**183**  
BOX FOR INSTALLATION  
322 x 70 x H 95mm



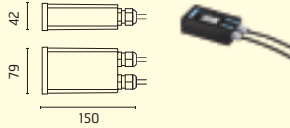
**153**  
SUCTION CUP TO PULL THE LUMI-NAIRE



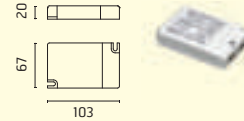
**87**  
POWER SUPPLY 10W/110÷240V - 24Vdc IP20 CLASS II SELV.



**175**  
POWER SUPPLY 10W/110÷240V - 24Vdc IP67 CLASS II SELV.

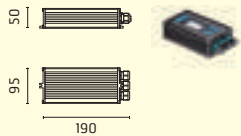


**144**  
POWER SUPPLY 17W/110÷240V - 24Vdc (15W@110V) IP20 CLASS II SELV.

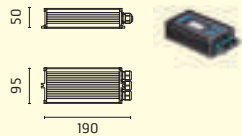


...DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

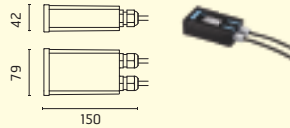
**176**  
POWER SUPPLY 17W/110÷240V - 24Vdc (15W@110V) IP67 CLASS II SELV.



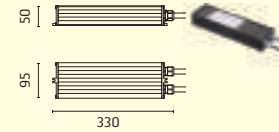
**252**  
POWER SUPPLY 20W/110-240Vdc (15W@110V) IP67 CLASS II SELV.



**147**  
POWER SUPPLY 20W/220÷240V - 24Vdc IP67 CLASS II SELV.



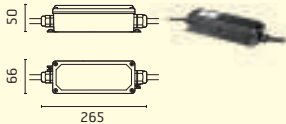
**155**  
POWER SUPPLY 50W/120÷240V - 24Vdc IP67 CLASS II SELV.



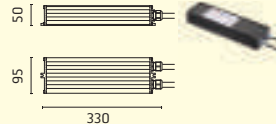
...DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

...DIMMABLE: DALI  
See Page 558 Wiring Diagram n.4

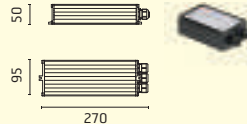
**110**  
POWER SUPPLY 70W/220÷240V - 24Vdc IP67 CLASS II SELV EQ.



**156**  
POWER SUPPLY 96W /120÷277V - 24Vdc IP67 CLASS II SELV.



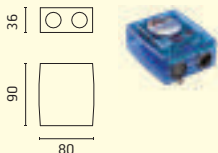
**148**  
POWER SUPPLY WITH DMX INTERFACE FOR RGB FIXTURES 55W/220÷230V-3CHx24Vdc (3CHx18W) DMX CONTROLLER ALLOWED IP67 CLASS I SELV EQ.



**142**  
DMX CONTROLLER; DIMMER SWITCH FOR RECESSED BOX (60mm HOLE CENTRES)



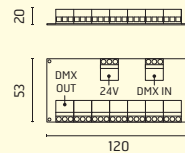
**143**  
DMX CONTROLLER; STAND-ALONE/PC INTERFACE



**186**  
DMX CABLE - SHIELDED TWISTED PAIR WITH 110 Ohm CONSTANT IMPEDANCE.



**187**  
DMX SPLITTER 512 - ELECTRONIC DEVICE TO REGENERATE THE MONODIRECTIONAL DMX SIGNAL 1 INPUT AND 7 OUTPUT, 12-24V dc



**269**  
2 WAY TERMINAL BLOCK 2 POLES IP68 (Ø4÷6,9mm Cable) \*it can't be placed in the recessed box for installation



**POWER SUPPLY TO BE ORDERED (87 OR 175 RECOMMENDED)**

Accessories: K12

acc. code ► prod. code ▼	151	152	183	153	87	175	144	176	252	147	155	110	156	148	142	143	186	187	269
524002	•			•	1	1	2	2	1	2	6	9	13						•
524003	•			•	1	1	2	2	1	2	6	9	13						•
524004	•			•										8	•	•	•	•	
524005	•			•	1	1	2	2	1	2	6	9	13						•
524012	•			•	1	1					5	8							•
524013	•			•	1	1					5	8							•
524015	•			•	1	1					5	8							•
524022	•			•	1	1					5	8							•
524023	•			•	1	1					5	8							•
524025	•			•	1	1					5	8							•
524102			•	•			1	1	1	1	4	6	9						•
524103			•	•			1	1	1	1	4	6	9						•
524104			•	•										5	•	•	•	•	
524105			•	•			1	1	1	1	4	6	9						•
524112			•	•						1	3	6							•
524113			•	•						1	3	6							•
524115			•	•						1	3	6							•
524122			•	•						1	3	6							•
524123			•	•						1	3	6							•
524125			•	•						1	3	6							•
524502		•		•			1	1	1	1	3	4	6						•
524503		•		•			1	1	1	1	3	4	6						•
524504		•		•										4	•	•	•	•	
524505		•		•			1	1	1	1	3	4	6						•
524512		•		•						1	2	4							•
524513		•		•						1	2	4							•
524515		•		•						1	2	4							•
524522		•		•						1	2	4							•
524523		•		•						1	2	4							•
524525		•		•						1	2	4							•

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.







# TAPIOCA

- Square or round luminaire – for installation in wall, ceiling or ground – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Anodized aluminium frame – only round. Glass diffuser: transparent or sandblasted, fixed to the aluminium body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with a piece of cable for an easy-to-make connection and an H<sub>2</sub>O STOP device. Tapioca 24V is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring. The luminaire is protected against polarity reversal and sudden voltage peak. Installation requires a dedicated box to be ordered separately. It is important to provide a >200mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes

**A++**  
**A+**  
**A**

**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



.8 Anodized Aluminium



Recessed ground fitting



Recessed wall fitting



Do not install in hollow areas



Installation in concrete ceiling: box for installation required



Installation requires a 20cm water drainage layer (gravel).



Pre-wired with approx 200mm of cable



Protection against water ingress from the cable (not for RGB versions)



Remote device required



Static load: 500Kg walk over (version without frame)  
Static load: 2000Kg walk over (version with frame)



Glass surface temperature <70°C



Protection against impact.  
IK 08 - 5,00 joule  
IK 06 - 1,00 joule\*  
\*(only version ø 55 mm)

### Tapioca Ø 40mm - Transparent Glass - 10°

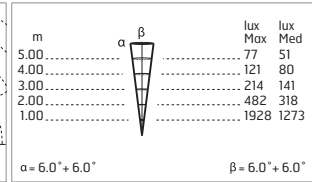
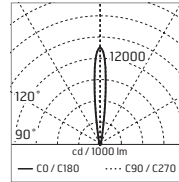
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



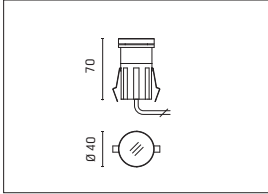
**10018112**  
White 2700K  
lm LED 167 ≠ lm OUTPUT 118

**10017612**  
White 3000K  
lm LED 180 ≠ lm OUTPUT 127

**10017712**  
White 4000K  
lm LED 195 ≠ lm OUTPUT 138



@ 4000K



Dimmable on request

IP67

### Tapioca Ø 40mm - Transparent Glass - 45°

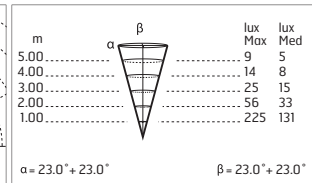
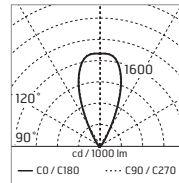
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



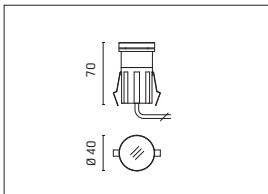
**10018140**  
White 2700K  
lm LED 167 ≠ lm OUTPUT 112

**10017640**  
White 3000K  
lm LED 180 ≠ lm OUTPUT 120

**10017740**  
White 4000K  
lm LED 195 ≠ lm OUTPUT 130



@ 4000K

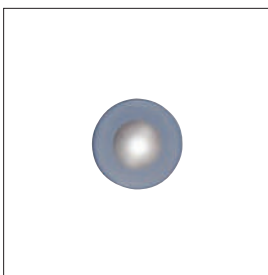


Dimmable on request

IP67

### Tapioca Ø 40mm - Sandblasted Glass - Diffused Light

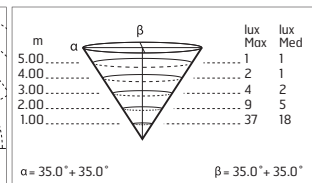
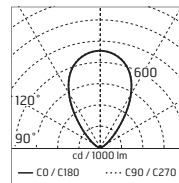
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



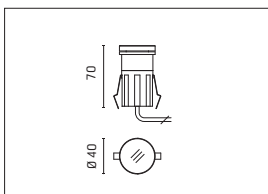
**100181118**  
White 2700K  
lm LED 167 ≠ lm OUTPUT 47

**100176118**  
White 3000K  
lm LED 180 ≠ lm OUTPUT 50

**100177118**  
White 4000K  
lm LED 195 ≠ lm OUTPUT 54



@ 4000K

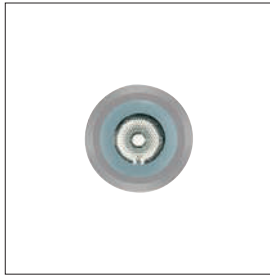


Dimmable on request

IP67

### Tapioca Ø 55mm -Anodized Aluminium Frame - Transparent Glass - 10°

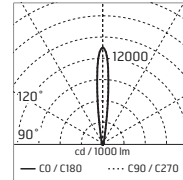
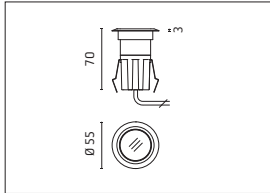
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



**100181119**  
White 2700K  
lm LED 167 ≠ lm OUTPUT 118

**100176119**  
White 3000K  
lm LED 180 ≠ lm OUTPUT 127

**100177119**  
White 4000K  
lm LED 195 ≠ lm OUTPUT 138



m	lux	
	Max	Med
5.00	77	51
4.00	121	80
3.00	214	141
2.00	482	318
1.00	1928	1273

α = 6.0° + 6.0°      β = 6.0° + 6.0°

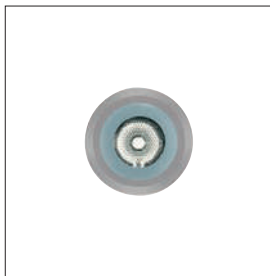
@ 4000K

Dimmable on request

IP67

### Tapioca Ø 55mm -Anodized Aluminium Frame - Transparent Glass - 45°

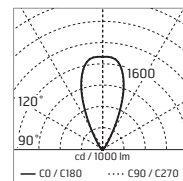
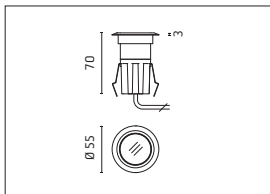
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



**100181100**  
White 2700K  
lm LED 167 ≠ lm OUTPUT 112

**100176000**  
White 3000K  
lm LED 180 ≠ lm OUTPUT 120

**100177000**  
White 4000K  
lm LED 195 ≠ lm OUTPUT 130



m	lux	
	Max	Med
5.00	9	5
4.00	14	8
3.00	25	15
2.00	56	33
1.00	225	131

α = 23.0° + 23.0°      β = 23.0° + 23.0°

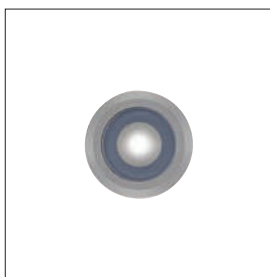
@ 4000K

Dimmable on request

IP67

### Tapioca Ø 55mm -Anodized Aluminium Frame - Sandblasted Glass - Diffused Light

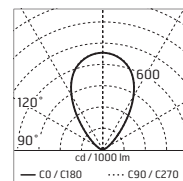
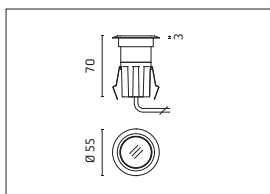
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



**100181120**  
White 2700K  
lm LED 167 ≠ lm OUTPUT 47

**100177120**  
White 3000K  
lm LED 180 ≠ lm OUTPUT 50

**100176120**  
White 4000K  
lm LED 195 ≠ lm OUTPUT 54



m	lux	
	Max	Med
5.00	1	1
4.00	2	1
3.00	4	2
2.00	9	5
1.00	37	18

α = 35.0° + 35.0°      β = 35.0° + 35.0°

@ 4000K

Dimmable on request

IP67

### Tapioca Ø 70mm - Transparent Glass - 10°

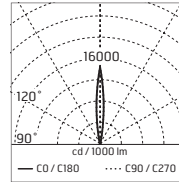
Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**10018212**  
White 2700K  
lm LED 403 ± lm OUTPUT 320

**10017912**  
White 3000K  
lm LED 433 ± lm OUTPUT 344

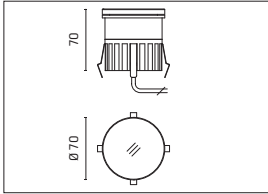
**10018012**  
White 4000K  
lm LED 461 ± lm OUTPUT 367



m	α	β	lux	
			Max	Med
5.00			210	128
4.00			328	200
3.00			583	356
2.00			1312	802
1.00			5248	3208

α = 5.0° + 5.0°      β = 5.0° + 5.0°

@ 4000K

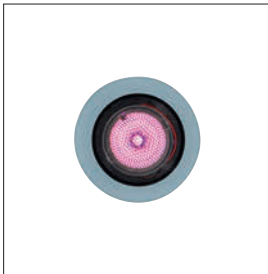


Dimmable on request

IP67

### Tapioca Ø 70mm - Transparent Glass - 10°

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

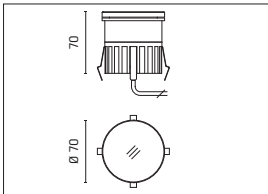


**10017412**

#### Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB  
for each code 141

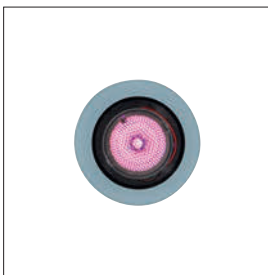
>> See Page 560  
Wiring Diagram n.5



IP67

### Tapioca Ø 70mm - Transparent Glass - 35°

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

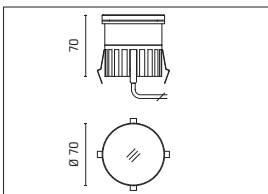


**10017440**

#### Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB  
for each code 141

>> See Page 560  
Wiring Diagram n.5



IP67

### Tapioca Ø 70mm - Transparent Glass - 50°

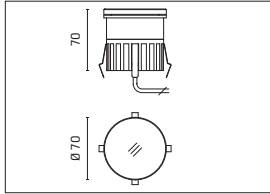
Light Source: Power LED 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



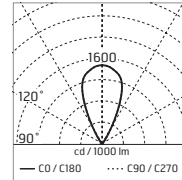
**10018240**  
White 2700K  
lm LED 403 ≈ lm OUTPUT 286

**10017940**  
White 3000K  
lm LED 433 ≈ lm OUTPUT 308

**10018040**  
White 4000K  
lm LED 461 ≈ lm OUTPUT 329



Dimmable on request



m	lux	
	Max	Med
5.00	19	11
4.00	30	18
3.00	54	32
2.00	121	71
1.00	483	286

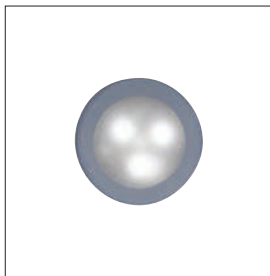
α = 25.0° + 25.0°      β = 25.0° + 25.0°

@ 4000K

IP67

### Tapioca Ø 70mm - Sandblasted Glass - Diffused Light

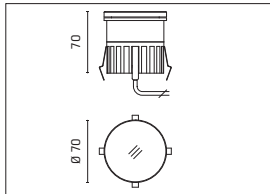
Light Source: RGB Power LED / 4,8W / Total power 5,9W / 24Vdc / Remote electronic power supply to be ordered



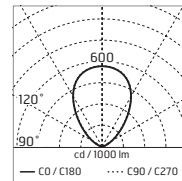
**100182122**  
White 2700K  
lm LED 403 ≈ lm OUTPUT 141

**100179122**  
White 3000K  
lm LED 433 ≈ lm OUTPUT 152

**100180122**  
White 4000K  
lm LED 461 ≈ lm OUTPUT 162



Dimmable on request



m	lux	
	Max	Med
5.00	4	2
4.00	6	3
3.00	10	5
2.00	23	10
1.00	92	41

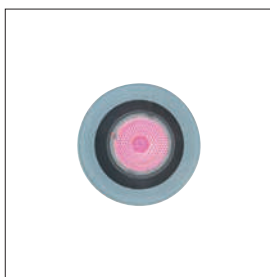
α = 39.0° + 39.0°      β = 39.0° + 39.0°

@ 4000K

IP67

### Tapioca Ø 70mm - Sandblasted Glass

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

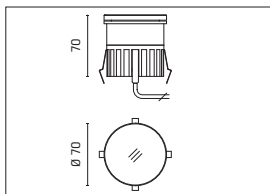


**100174122**

#### Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

>> See Page 560  
Wiring Diagram n.5

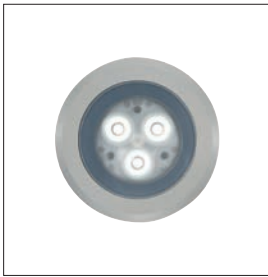


IP67



### Tapioca Ø 90mm - Anodized Aluminium Frame - Transparent Glass - 10°

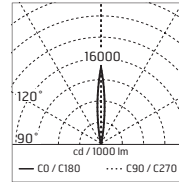
Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**100182123**  
White 2700K  
lm LED 403 ≈ lm OUTPUT 320

**100179123**  
White 3000K  
lm LED 433 ≈ lm OUTPUT 344

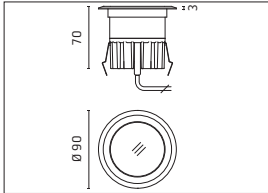
**100180123**  
White 4000K  
lm LED 461 ≈ lm OUTPUT 367



m	α	β	lux	
			Max	Med
5.00			210	128
4.00			328	200
3.00			583	356
2.00			1312	802
1.00			5248	3208

α = 5.0° + 5.0°      β = 5.0° + 5.0°

@ 4000K

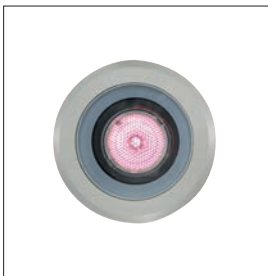


Dimmable on request

IP67

### Tapioca Ø 90mm - Anodized Aluminium Frame - Transparent Glass - 10°

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

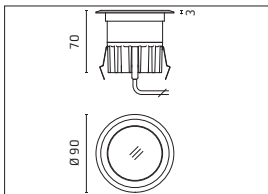


**100174123**

#### Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB  
for each code 141

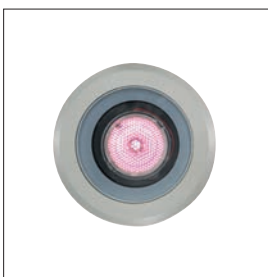
>> See Page 560  
Wiring Diagram n.5



IP67

### Tapioca Ø 90mm - Anodized Aluminium Frame - Transparent Glass - 35°

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

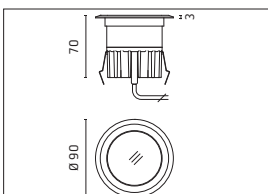


**10017427**

#### Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB  
for each code 141

>> See Page 560  
Wiring Diagram n.5



IP67

### Tapioca Ø 90mm - Anodized Aluminium Frame - Transparent Glass - 50°

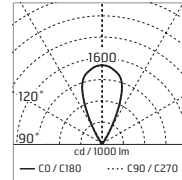
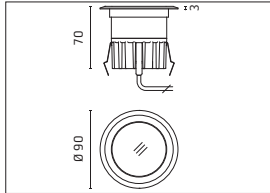
Light Source: Power LED / 4,8W / 24Vdc / Total power 5,9W / CRI>80 / Remote electronic power supply to be ordered



**10018227**  
White 2700K  
lm LED 403 ≈ lm OUTPUT 286

**10017927**  
White 3000K  
lm LED 433 ≈ lm OUTPUT 308

**10018027**  
White 4000K  
lm LED 461 ≈ lm OUTPUT 329



m	lux	
	Max	Med
5.00	19	11
4.00	30	18
3.00	54	32
2.00	121	71
1.00	483	286

$\alpha = 25.0^\circ + 25.0^\circ$        $\beta = 25.0^\circ + 25.0^\circ$

@ 4000K

Dimmable on request

IP67

### Tapioca Ø 90mm - Anodized Aluminium Frame - Sandblasted Glass - Diffused Light

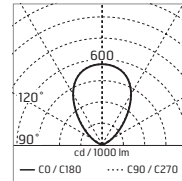
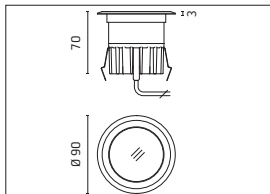
Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**100182121**  
White 2700K  
lm LED 403 ≈ lm OUTPUT 147

**100179121**  
White 3000K  
lm LED 433 ≈ lm OUTPUT 152

**100180121**  
White 4000K  
lm LED 461 ≈ lm OUTPUT 162



m	lux	
	Max	Med
5.00	4	2
4.00	6	3
3.00	10	5
2.00	23	10
1.00	92	41

$\alpha = 39.0^\circ + 39.0^\circ$        $\beta = 39.0^\circ + 39.0^\circ$

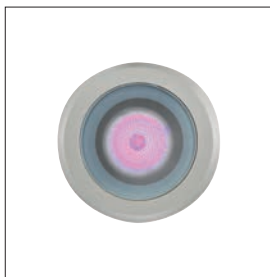
@ 4000K

Dimmable on request

IP67

### Tapioca Ø 90mm - Anodized Aluminium Frame - Sandblasted Glass - Diffused Light

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

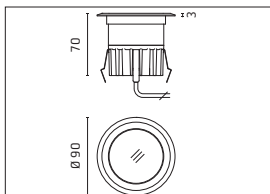


**100174121**

#### Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

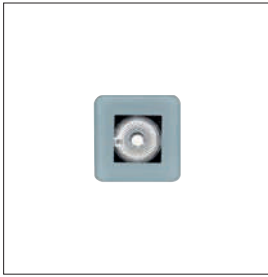
>> See Page 560  
Wiring Diagram n.5



IP67

### Tapioca 40x40mm - Transparent Glass - 10°

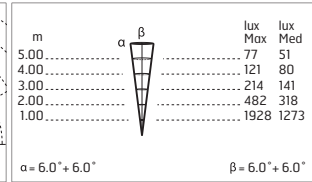
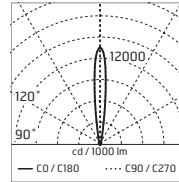
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



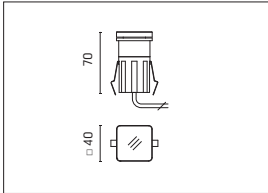
**100181133**  
White 2700K  
lm LED 167 ≈ lm OUTPUT 118

**100176133**  
White 3000K  
lm LED 180 ≈ lm OUTPUT 127

**100177133**  
White 4000K  
lm LED 195 ≈ lm OUTPUT 138



@ 4000K

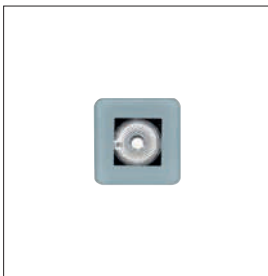


Dimmable on request

IP67

### Tapioca 40x40mm - Transparent Glass - 45°

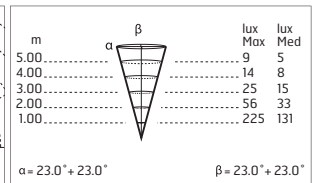
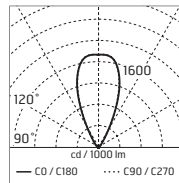
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



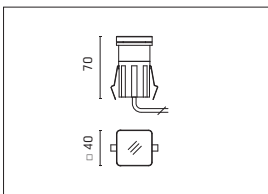
**10018141**  
White 2700K  
lm LED 167 ≈ lm OUTPUT 112

**10017641**  
White 3000K  
lm LED 180 ≈ lm OUTPUT 120

**10017741**  
White 4000K  
lm LED 195 ≈ lm OUTPUT 130



@ 4000K

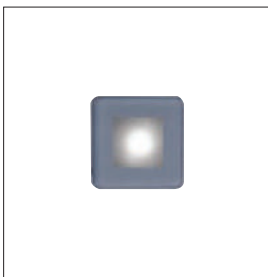


Dimmable on request

IP67

### Tapioca 40x40mm - Sandblasted Glass - Diffused Light

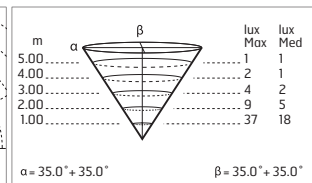
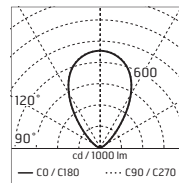
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



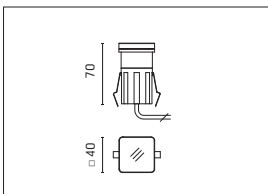
**100181124**  
White 2700K  
lm LED 167 ≈ lm OUTPUT 47

**100176124**  
White 3000K  
lm LED 180 ≈ lm OUTPUT 50

**100177124**  
White 4000K  
lm LED 195 ≈ lm OUTPUT 54



@ 4000K



Dimmable on request

IP67

### Tapioca 70x70mm - Transparent Glass - 10°

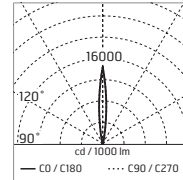
Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**100182132**  
White 2700K  
lm LED 403 ≈ lm OUTPUT 320

**100179132**  
White 3000K  
lm LED 433 ≈ lm OUTPUT 344

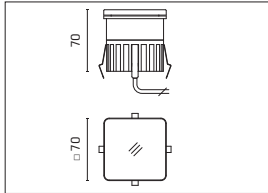
**100180132**  
White 4000K  
lm LED 461 ≈ lm OUTPUT 367



m	lux	
	Max	Med
5.00	210	128
4.00	328	200
3.00	583	356
2.00	1312	802
1.00	5248	3208

α = 5.0° + 5.0°      β = 5.0° + 5.0°

@ 4000K

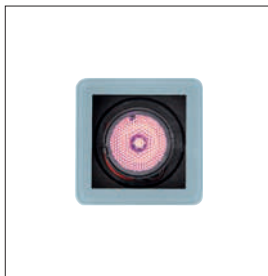


Dimmable on request

IP67

### Tapioca 70x70mm - Transparent Glass - 10°

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

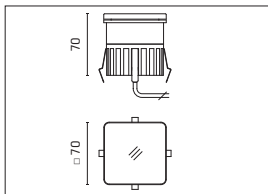


**100174132**

#### Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB  
for each code 141

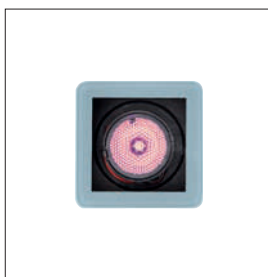
>> See Page 560  
Wiring Diagram n.5



IP67

### Tapioca 70x70mm - Transparent Glass - 35°

Light Source: RGB Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

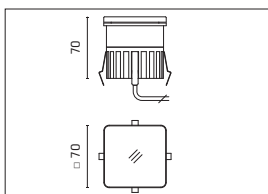


**10017441**

#### Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB  
for each code 141

>> See Page 560  
Wiring Diagram n.5



IP67

### Tapioca 70x70mm - Transparent Glass - 50°

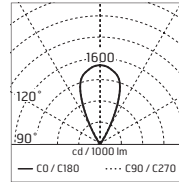
Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**10018241**  
White 2700K  
lm LED 403 ≈ lm OUTPUT 286

**10017941**  
White 3000K  
lm LED 433 ≈ lm OUTPUT 308

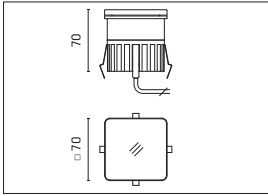
**10018041**  
White 4000K  
lm LED 461 ≈ lm OUTPUT 329



m	α	lux	
		Max	Med
5.00		19	11
4.00		30	18
3.00		54	32
2.00		121	71
1.00		483	286

α = 25.0° + 25.0°      β = 25.0° + 25.0°

@ 4000K

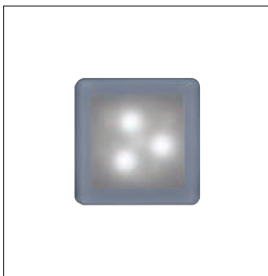


Dimmable on request

IP67

### Tapioca 70x70mm - Sandblasted Glass - Diffused Light

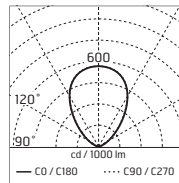
Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**100182125**  
White 2700K  
lm led 403 ≈ lm output 147

**100179125**  
White 3000K  
lm LED 433 ≈ lm OUTPUT 158

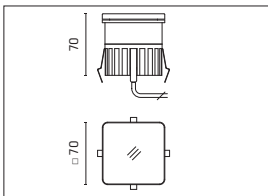
**100180125**  
White 4000K  
lm LED 461 ≈ lm OUTPUT 162



m	α	lux	
		Max	Med
5.00		4	2
4.00		6	3
3.00		10	5
2.00		23	10
1.00		92	41

α = 39.0° + 39.0°      β = 39.0° + 39.0°

@ 4000K



Dimmable on request

IP67

### Tapioca 70x70mm - Sandblasted Glass - Diffused Light

Light Source: Power LED / 3,4W / 3CHx350mA / Total power 3,4W / Remote electronic power supply to be ordered

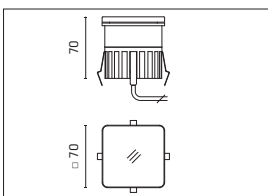


**100174125**

#### Wiring diagram and installation scheme RGB

Max 10 luminaires TAPIOCA LED RGB for each code 141

>> See Page 560  
Wiring Diagram n.5



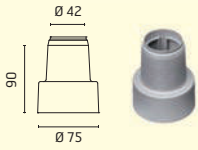
IP67



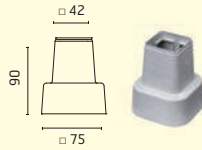


Accessories: Tapioca

**98**  
BOX FOR INSTALLATION  
Ø 75 H 90mm



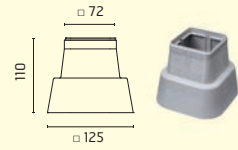
**99**  
BOX FOR INSTALLATION  
75 x 75 H 90mm



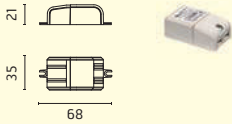
**101**  
BOX FOR INSTALLATION  
Ø 130 H 110mm



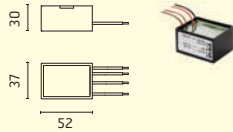
**102**  
BOX FOR INSTALLATION  
125 x 125 H 110mm



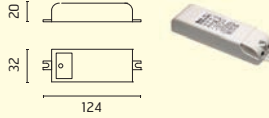
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP20 CLASS II SELV EQ.



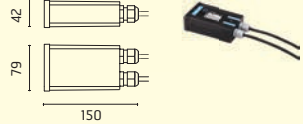
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



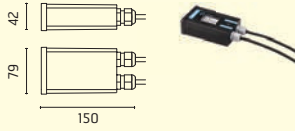
**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc  
IP67 CLASS II SELV.



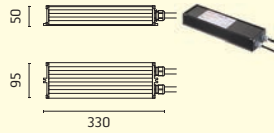
acc. code ▶	98	99	101	102	150	106	87	175	147	155	110	141	142	143	187	186	269
prod. code ▼																	
10017412			•									10*	•	•	•	•	
10017427			•									10*	•	•	•	•	
10017440			•									10*	•	•	•	•	
10017441				•								10*	•	•	•	•	
10017600	•				1	1	4	4	5	14	29						•
10017612	•				1	1	4	4	5	14	29						•
10017640	•				1	1	4	4	5	14	29						•
10017641		•			1	1	4	4	5	14	29						•
10017700	•				1	1	4	4	5	14	29						•
10017712	•				1	1	4	4	5	14	29						•
10017740	•				1	1	4	4	5	14	29						•
10017741		•			1	1	4	4	5	14	29						•
10017912			•				1	1	2	6	12						•
10017927			•				1	1	2	6	12						•
10017940			•				1	1	2	6	12						•
10017941				•			1	1	2	6	12						•
10018012			•				1	1	2	6	12						•
10018027			•				1	1	2	6	12						•
10018040			•				1	1	2	6	12						•
10018041				•			1	1	2	6	12						•
10018100	•				1	1	4	4	5	14	29						•
10018112	•				1	1	4	4	5	14	29						•
10018140	•				1	1	4	4	5	14	29						•
10018141		•			1	1	4	4	5	14	29						•
10018212			•				1	1	2	6	12						•
10018227			•				1	1	2	6	12						•
10018240			•				1	1	2	6	12						•
10018241				•			1	1	2	6	12						•
100174121			•									10*	•	•	•	•	
100174122			•									10*	•	•	•	•	
100174123			•									10*	•	•	•	•	
100174125				•								10*	•	•	•	•	
100174132				•								10*	•	•	•	•	

**Accessories: Tapioca**

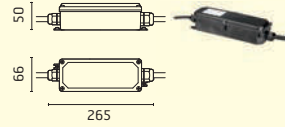
**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



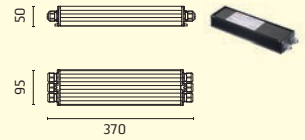
**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc  
IP67 CLASS II SELV.



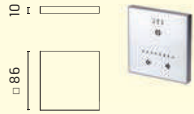
**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc  
IP67 CLASS II SELV EQ.



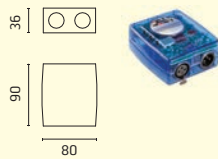
**141**  
POWER SUPPLY WITH DMX  
INTERFACE FOR RGB FIXTURES  
36W/220÷240V-3CHx350mA  
(3CHx10x1W) DMX CONTROL ALLOWED  
IP67 CLASS I SELV EQ.



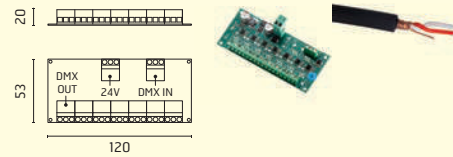
**142**  
DMX CONTROLLER;  
DIMMER SWITCH FOR RECESSED BOX  
(60mm HOLE CENTRES)



**143**  
DMX CONTROLLER;  
STAND-ALONE/PC INTERFACE



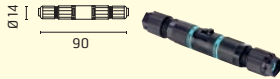
**187**  
DMX SPLITTER 512 - ELECTRONIC DEVICE  
TO REGENERATE THE MONODIRECTIONAL  
DMX SIGNAL  
1 INPUT AND 7 OUTPUT, 12-24Vdc



**186**  
DMX CABLE - SHIELDED TWISTED PAIR  
WITH 110 Ohm CONSTANT IMPEDANCE.

**POWER SUPPLY TO BE ORDERED (87 OR 175 RECOMMENDED)**

**269**  
2 WAY TERMINAL BLOCK 2 POLES IP68  
(Ø4÷6,9mm Cable)  
\*it can't be placed in the recessed box  
for installation



acc. code ▶	98	99	101	102	150	106	87	175	147	155	110	141	142	143	187	186	269
prod. code ▼																	
100176118	•				1	1	4	4	5	14	29						•
100176119	•				1	1	4	4	5	14	29						•
100176120	•				1	1	4	4	5	14	29						•
100176124		•			1	1	4	4	5	14	29						•
100176133		•			1	1	4	4	5	14	29						•
100177118	•				1	1	4	4	5	14	29						•
100177119	•				1	1	4	4	5	14	29						•
100177120	•				1	1	4	4	5	14	29						•
100177124		•			1	1	4	4	5	14	29						•
100177133		•			1	1	4	4	5	14	29						•
100179121			•				1	1	2	6	12						•
100179122			•				1	1	2	6	12						•
100179123			•				1	1	2	6	12						•
100179125				•			1	1	2	6	12						•
100179132				•			1	1	2	6	12						•
100180121			•				1	1	2	6	12						•
100180122			•				1	1	2	6	12						•
100180123			•				1	1	2	6	12						•
100180125				•			1	1	2	6	12						•
100180132				•			1	1	2	6	12						•
1w00181118	•				1	1	4	4	5	14	29						•
100181119	•				1	1	4	4	5	14	29						•
100181120	•				1	1	4	4	5	14	29						•
100181124		•			1	1	4	4	5	14	29						•
100181133		•			1	1	4	4	5	14	29						•
100182121			•				1	1	2	6	12						•
100182122			•				1	1	2	6	12						•
100182123			•				1	1	2	6	12						•
100182125		•					1	1	2	6	12						•
100182132				•			1	1	2	6	12						•

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.  
\* The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.







- Square or round luminaire – for installation in-ground where recessing depth are limited (up to 120mm) – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). AISI 316L stainless steel outer frame. Glass diffuser: transparent with silkscreen border.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables (H2O STOP) for an easy-to-make connection. RGB version: the luminaire is equipped with 2 pieces of cable, no H2O STOP connector provided. Outdoor use requires suitable flexible cables. Installation requires a dedicated box to be ordered separately. It is important to provide a >300mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



.0 Inox



Recessed ground fitting



Installation requires a 30cm water drainage layer (gravel)



Do not install in hollow areas



Pre-wired with approx 250mm of cable (RGB: pre-wired with 2x250mm cables)



Protection against water ingress from the cable (not for RGB versions)



Static load: 2000Kg walk over (round version)  
Static load: 3000Kg walk over (square version)



Drive over



Glass surface temperature <70°C

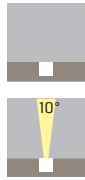
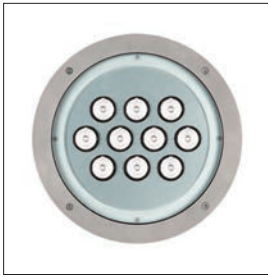


Protection against impact.  
IK 09 - 10,00 joule



## Cassiopea Round Version - 10°

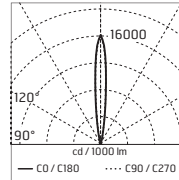
Light Source: Power LED / 22W / Total power 28W / CRI>80 / 110÷240V / Integral electronic power supply



**7511512**  
**7511512-300** Dimmable Dali  
**7511512-310** Dimmable 1-10  
 White 2700K  
 lm LED 2327 ≠ lm OUTPUT 1883

**7511312**  
**7511312-300** Dimmable Dali  
**7511312-310** Dimmable 1-10  
 White 3000K  
 lm LED 2502 ≠ lm OUTPUT 2025

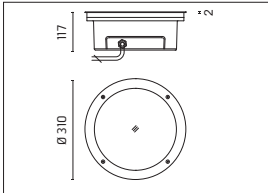
**7518412**  
**7518412-300** Dimmable Dali  
**7518412-310** Dimmable 1-10  
 White 4000K  
 lm LED 2664 ≠ lm OUTPUT 2156



m	lux	
	Max	Med
5.00	1400	884
4.00	2188	1381
3.00	3890	2455
2.00	8753	5525
1.00	35011	22099

$\alpha = 5.0^\circ + 5.0^\circ$        $\beta = 5.0^\circ + 5.0^\circ$

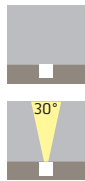
@ 4000K



IP67

## Cassiopea Round Version - 30°

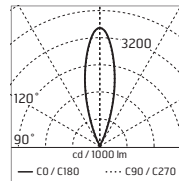
Light Source: Power LED / 22W / Total power 28W / CRI>80 / 110÷240V / Integral electronic power supply



**7511413**  
**7511413-300** Dimmable Dali  
**7511413-310** Dimmable 1-10  
 White 2700K  
 lm LED 2327 ≠ lm OUTPUT 1783

**7511313**  
**7511313-300** Dimmable Dali  
**7511313-310** Dimmable 1-10  
 White 3000K  
 lm LED 2502 ≠ lm OUTPUT 1917

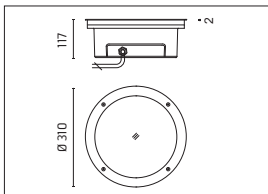
**7518413**  
**7518413-300** Dimmable Dali  
**7518413-310** Dimmable 1-10  
 White 4000K  
 lm LED 2664 ≠ lm OUTPUT 2041



m	lux	
	Max	Med
5.00	287	173
4.00	449	270
3.00	798	479
2.00	1795	1079
1.00	7181	4314

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$

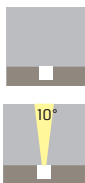
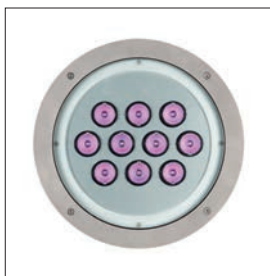
@ 4000K



IP67

### Cassiopea Round Version - 10°

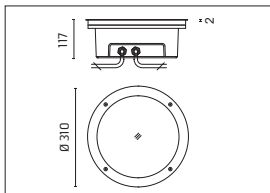
Light Source: RGB Power LED / 34W / Total power 40W / 230V with DMX - RDM / 110÷240V / Integral electronic power supply



7518512.A

Wiring diagram and installation scheme RGB

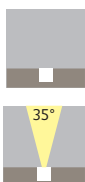
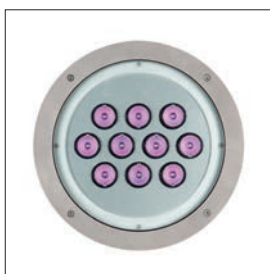
>> See Page 561  
Wiring Diagram n.8



IP67   CE

### Cassiopea Round Version - 35°

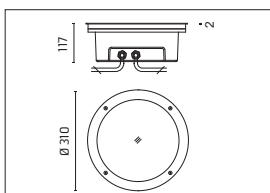
Light Source: RGB Power LED / 34W / Total power 40W / 230V with DMX - RDM / 110÷240V / Integral electronic power supply



7518513.A

Wiring diagram and installation scheme RGB

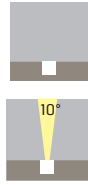
>> See Page 561  
Wiring Diagram n.8



IP67   CE

## Cassiopea Square Version - 10°

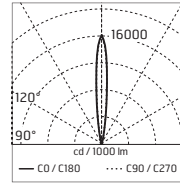
Light Source: Power LED / 22W / Total power 28W / CRI>80 / 110÷240V / Integral electronic power supply



**7611512**  
**7611512-300** Dimmable Dali  
**7611512-310** Dimmable 1-10  
 White 2700K  
 lm LED 2327 ≠ lm OUTPUT 1883

**7611312**  
**7611312-300** Dimmable Dali  
**7611312-310** Dimmable 1-10  
 White 3000K  
 lm LED 2502 ≠ lm OUTPUT 2025

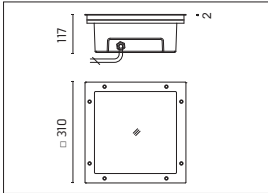
**7618412**  
**7618412-300** Dimmable Dali  
**7618412-310** Dimmable 1-10  
 White 4000K  
 lm LED 2664 ≠ lm OUTPUT 2156



m	lux	
	Max	Med
5.00	1400	884
4.00	2188	1381
3.00	3890	2455
2.00	8753	5525
1.00	35011	22099

$\alpha = 5.0^\circ + 5.0^\circ$        $\beta = 5.0^\circ + 5.0^\circ$

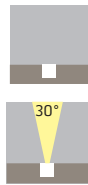
@ 4000K



IP67

## Cassiopea Square Version - 30°

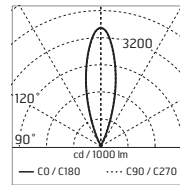
Light Source: Power LED / 22W / Total power 28W / CRI>80 / 110÷240V / Integral electronic power supply



**7611513**  
**7611513-300** Dimmable Dali  
**7611513-310** Dimmable 1-10  
 White 2700K  
 lm LED 2327 ≠ lm OUTPUT 1783

**7611313**  
**7611313-300** Dimmable Dali  
**7611313-310** Dimmable 1-10  
 White 3000K  
 lm LED 2502 ≠ lm OUTPUT 1917

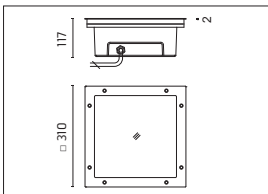
**7618413**  
**7618413-300** Dimmable Dali  
**7618413-310** Dimmable 1-10  
 White 4000K  
 lm LED 2664 ≠ lm OUTPUT 2041



m	lux	
	Max	Med
5.00	287	173
4.00	449	270
3.00	798	479
2.00	1795	1079
1.00	7181	4314

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$

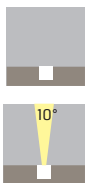
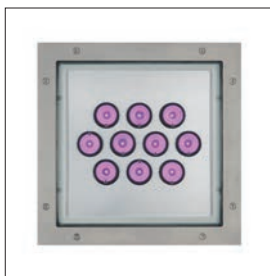
@ 4000K



IP67

### Cassiopea Square Version - 10°

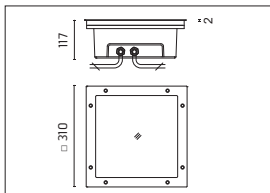
Light Source: RGB Power LED / 34W / Total power 40W / 230V with DMX - RDM / 110÷240V / Integral electronic power supply



7618512.A

Wiring diagram and installation scheme RGB

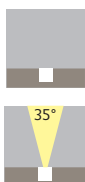
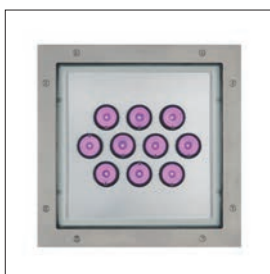
>> See Page 561  
Wiring Diagram n.8



IP67   

### Cassiopea Square Version - 35°

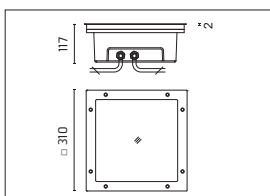
Light Source: RGB Power LED / 34W / Total power 40W / 230V with DMX - RDM / 110÷240V / Integral electronic power supply



7618513.A

Wiring diagram and installation scheme RGB

>> See Page 561  
Wiring Diagram n.8



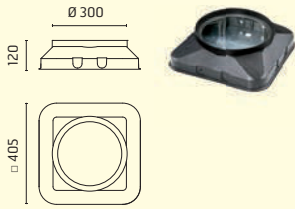
IP67   



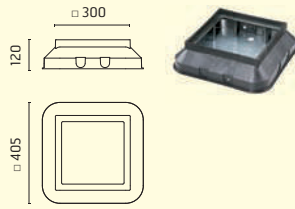


**Accessories: Cassiopea**

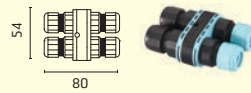
**73**  
BOX FOR INSTALLATION  
405 x 405 H 120mm



**74**  
BOX FOR INSTALLATION  
405 x 405 H 120mm



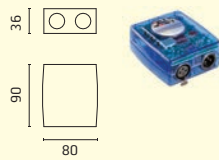
**215**  
3/4 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5±12mm CABLE)



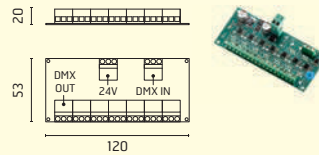
**142**  
DMX CONTROLLER;  
DIMMER SWITCH FOR RECESSED BOX  
(60mm HOLE CENTRES)



**143**  
DMX CONTROLLER;  
STAND-ALONE/PC INTERFACE



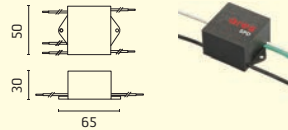
**187**  
DMX SPLITTER 512 - ELECTRONIC DEVICE  
TO REGENERATE THE MONODIRECTIONAL  
DMX SIGNAL  
1 INPUT AND 7 OUTPUT, 12-24V dc



**186**  
DMX CABLE - SHIELDED TWISTED PAIR  
WITH 110 Ohm CONSTANT IMPEDANCE.



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT 10kA  
(8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION  
- IP66



**POWER SUPPLY TO BE ORDERED (87 OR 175 RECOMMENDED)**

acc. code ▶	dim 1 DALI	dim 1-10	73	74	215	142	143	187	186	237
7511312	-300	-310	•		•					•
7511313	-300	-310	•		•					•
7511413	-300	-310	•		•					•
7511512	-300	-310	•		•					•
7518412	-300	-310	•		•					•
7518413	-300	-310	•		•					•
7518512.A			•			•	•	•	•	•
7518513.A			•			•	•	•	•	•
7611312	-300	-310		•	•					•
7611313	-300	-310		•	•					•
7611512	-300	-310		•	•					•
7611513	-300	-310		•	•					•
7618412	-300	-310		•	•					•
7618413	-300	-310		•	•					•
7618512.A				•		•	•	•	•	•
7618513.A				•		•	•	•	•	•



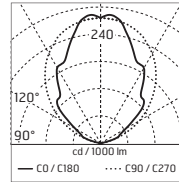


### Cielo L 645 mm - Transparent Glass - Symmetric Optic

Light Source: T16 / 14W / G5 / T 40°C / Electronic ballast

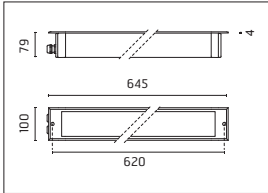


944213  
944213-300 Dimmable Dali



m	α	β	lux Max	lux Med
5.00	.....	.....	13	5
4.00	.....	.....	21	8
3.00	.....	.....	37	13
2.00	.....	.....	84	30
1.00	.....	.....	337	121

α = 39.0° + 39.0°      β = 51.0° + 51.0°



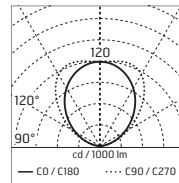
IP67

### Cielo L 645 mm - Sandblasted Glass - Symmetric Optic

Light Source: T16 / 14W / G5 / T 40°C / Electronic ballast

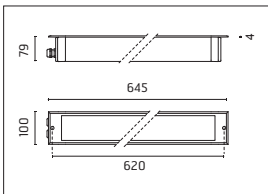


944257  
944257-300 Dimmable Dali



m	α	β	lux Max	lux Med
5.00	.....	.....	6	2
4.00	.....	.....	9	3
3.00	.....	.....	16	5
2.00	.....	.....	36	11
1.00	.....	.....	143	44

α = 50.0° + 50.0°      β = 55.0° + 55.0°



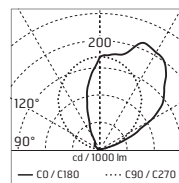
IP67

### Cielo L 645 mm - Transparent Glass - Asymmetric Optic

Light Source: T16 / 14W / G5 / T 40°C / Electronic ballast

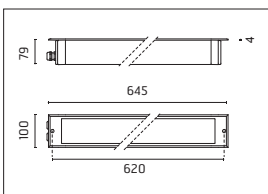


944214  
944214-300 Dimmable Dali



m	α	β	lux Max	lux Med
5.00	.....	.....	8	3
4.00	.....	.....	13	4
3.00	.....	.....	23	7
2.00	.....	.....	52	16
1.00	.....	.....	210	64

α = 36.0° + 37.0°      β = 52.0° + 52.0°



IP67



### Cielo L 645 mm - Transparent Glass - Adjustable Optic - 10°

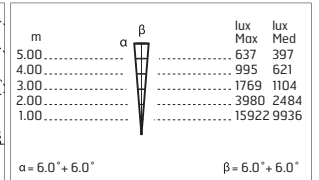
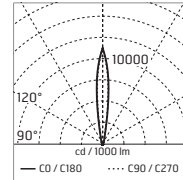
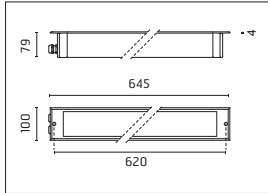
Light Source: Power LED / 13,2W / Total power 16W / CRI >80 / 220÷240V / Integral electronic power supply



**948512**  
**948512-300** Dimmable Dali  
**948512-310** Dimmable 1-10  
 White 2700K  
 lm LED 1339 ≠ lm OUTPUT 1222

**948312**  
**948312-300** Dimmable Dali  
**948312-310** Dimmable 1-10  
 White 3000K  
 lm LED 1440 ≠ lm OUTPUT 1314

**9418612**  
**9418612-300** Dimmable Dali  
**9418612-310** Dimmable 1-10  
 White 4000K  
 lm LED 1560 ≠ lm OUTPUT 1423



@ 4000K

IP67

### Cielo L 645 mm - Transparent Glass - Adjustable Optic - 45°

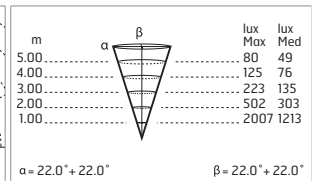
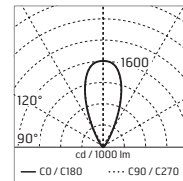
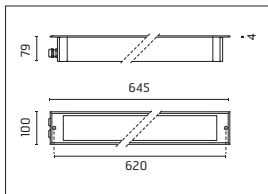
Light Source: Power LED / 13,2W / Total power 16W / CRI >80 / 220÷240V / Integral electronic power supply



**948513**  
**948513-300** Dimmable Dali  
**948513-310** Dimmable 1-10  
 White 2700K  
 lm LED 1339 ≠ lm OUTPUT 1071

**948313**  
**948313-300** Dimmable Dali  
**948313-310** Dimmable 1-10  
 White 3000K  
 lm LED 1440 ≠ lm OUTPUT 1152

**9418613**  
**9418613-300** Dimmable Dali  
**9418613-310** Dimmable 1-10  
 White 4000K  
 lm LED 1560 ≠ lm OUTPUT 1248

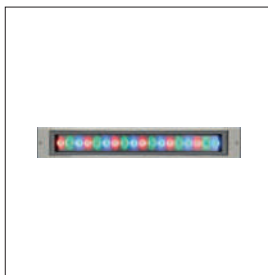


@ 4000K

IP67

### Cielo L 645 mm - Sandblasted Glass

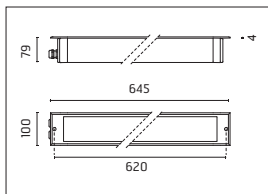
Light Source: RGB Power LED / 28W / Total power 26W / 220÷240V with DMX-RDM interface / Integral electronic power supply



**9418713.A**

Wiring diagram and installation scheme RGB

>> See Page 561  
 Wiring Diagram n.8



IP67



### Cielo L 645 mm - Transparent Glass - Adjustable Optic - 12°+ 54°

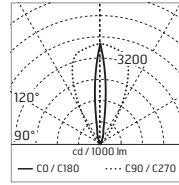
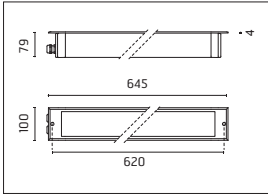
Light Source: Power LED / 13,2W / Total power 16W / CRI >80 / 220÷240V / Integral electronic power supply



**9485131**  
**9485131-300** Dimmable Dali  
**9485131-310** Dimmable 1-10  
 White 2700K  
 Im LED 1339 ≈ Im OUTPUT 1074

**9483131**  
**9483131-300** Dimmable Dali  
**9483131-310** Dimmable 1-10  
 White 3000K  
 Im LED 1440 ≈ Im OUTPUT 1155

**94186131**  
**94186131-300** Dimmable Dali  
**94186131-310** Dimmable 1-10  
 White 4000K  
 Im LED 1560 ≈ Im OUTPUT 1251



m	α	β	lux	
			Max	Med
5.00			184	113
4.00			287	176
3.00			511	313
2.00			1149	704
1.00			4597	2816

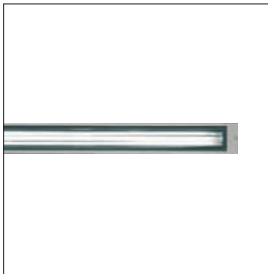
α = 6.0° + 6.0°      β = 27.0° + 27.0°

@ 4000K

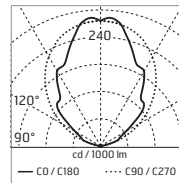
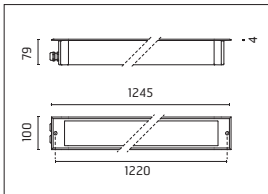
IP67

### Cielo L 1245 mm - Transparent Glass - Symmetric Optic

Light Source: T16 / 28W / G5 / T 40°C / Electronic ballast



**944813**  
**944813-300** Dimmable Dali



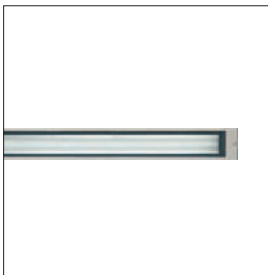
m	α	β	lux	
			Max	Med
5.00			29	10
4.00			46	16
3.00			81	29
2.00			183	66
1.00			731	262

α = 39.0° + 39.0°      β = 51.0° + 51.0°

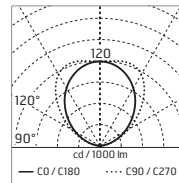
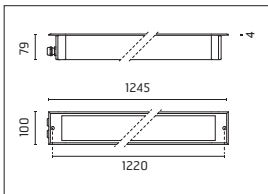
IP67

### Cielo L 1245 mm - Sandblasted Glass - Symmetric Optic

Light Source: T16 / 28W / G5 / T 40°C / Electronic ballast



**944857**  
**944857-300** Dimmable Dali



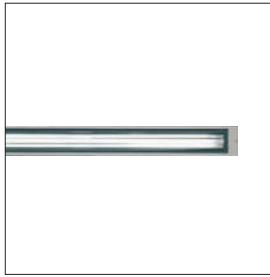
m	α	β	lux	
			Max	Med
5.00			12	4
4.00			19	6
3.00			34	11
2.00			77	24
1.00			310	95

α = 50.0° + 50.0°      β = 55.0° + 55.0°

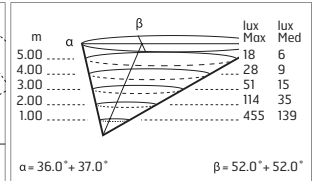
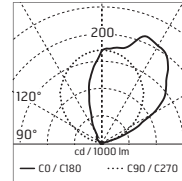
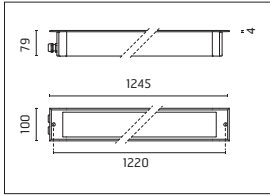
IP67

### Cielo L 1245 mm - Transparent Glass - Asymmetric Optic

Light Source: T16 / 28W / G5 / T 40°C / Electronic ballast



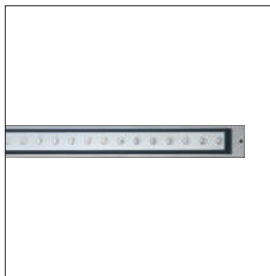
**944814**  
**944814-300** Dimmable Dali



IP67

### Cielo L 1245 mm - Transparent Glass - Adjustable Optic - 10°

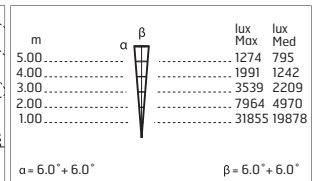
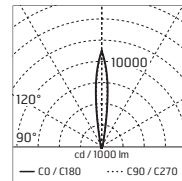
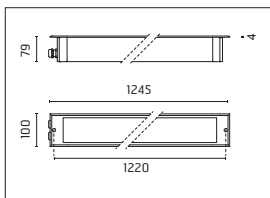
Light Source: Power LED / 26,4W / Total power 32W / CRI >80 / 220÷240V / Integral electronic power supply



**948612**  
**948612-300** Dimmable Dali  
**948612-310** Dimmable 1-10  
White 2700K  
lm LED 2678  $\approx$  lm OUTPUT 2444

**948012**  
**948012-300** Dimmable Dali  
**948012-310** Dimmable 1-10  
White 3000K  
lm LED 2880  $\approx$  lm OUTPUT 2628

**9418812**  
**9418812-300** Dimmable Dali  
**9418812-310** Dimmable 1-10  
White 4000K  
lm LED 3120  $\approx$  lm OUTPUT 2847

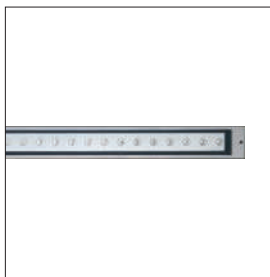


@ 4000K

IP67

### Cielo L 1245 mm - Transparent Glass - Adjustable Optic - 45°

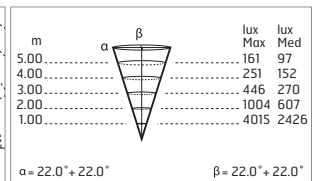
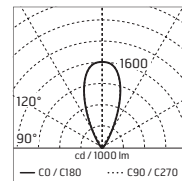
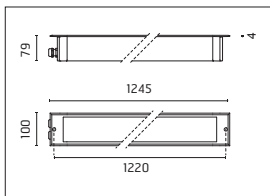
Light Source: Power LED / 26,4W / Total power 32W / CRI >80 / 220÷240V / Integral electronic power supply



**948613**  
**948613-300** Dimmable Dali  
**948613-310** Dimmable 1-10  
White 2700K  
lm LED 2678  $\approx$  lm OUTPUT 2142

**948013**  
**948013-300** Dimmable Dali  
**948013-310** Dimmable 1-10  
White 3000K  
lm LED 2880  $\approx$  lm OUTPUT 2303

**9418813**  
**9418813-300** Dimmable Dali  
**9418813-310** Dimmable 1-10  
White 4000K  
lm LED 3120  $\approx$  lm OUTPUT 2495

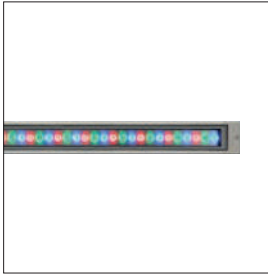


@ 4000K

IP67

### Cielo L 1245 mm - Sandblasted Glass

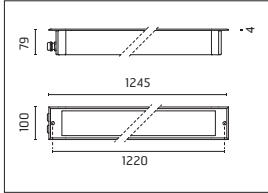
Light Source: RGB Power LED / 48W / Total power 44W / 220÷240V with DMX-RDM interface / Integral electronic power supply



9418913.A

Wiring diagram and installation scheme RGB

>> See Page 561  
Wiring Diagram n.8



IP67

### Cielo L 1245 mm - Transparent Glass - Adjustable Optic - 12° + 54°

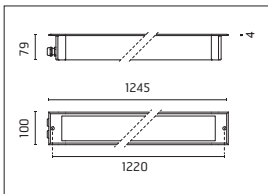
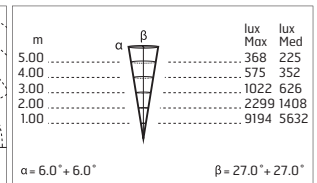
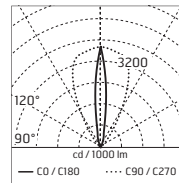
Light Source: Power LED / 26,4W / Total power 32W / CRI >80 / 220÷240V / Integral electronic power supply



**9486131**  
9486131-300 Dimmable Dali  
9486131-310 Dimmable 1-10  
White 2700K  
lm LED 2678 ≈ lm OUTPUT 2148

**9480131**  
9480131-300 Dimmable Dali  
9480131-310 Dimmable 1-10  
White 3000K  
lm LED 2880 ≈ lm OUTPUT 2310

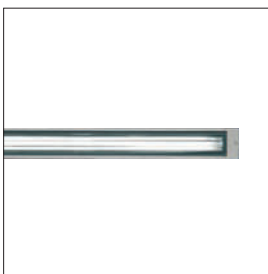
**94188131**  
94188131-300 Dimmable Dali  
94188131-310 Dimmable 1-10  
White 4000K  
lm LED 3120 ≈ lm OUTPUT 2503



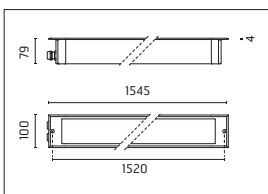
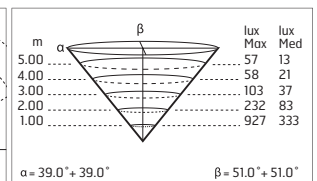
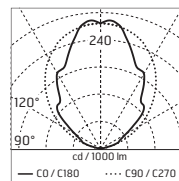
IP67

### Cielo L 1545 mm - Transparent Glass - Symmetric Optic

Light Source: T16 / 35W / G5 / T 40°C / Electronic ballast



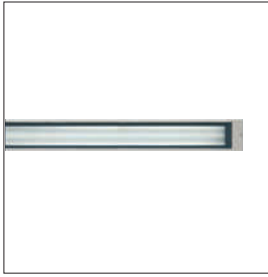
**945413**  
945413-300 Dimmable Dali



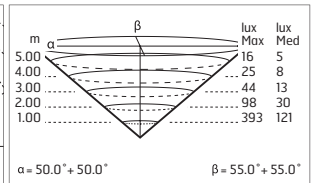
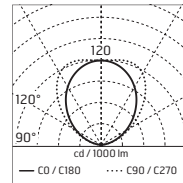
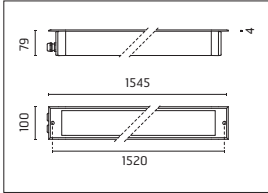
IP67

**Cielo L 1545 mm - Sandblasted Glass - Symmetric Optic**

Light Source: T16 / 35W / G5 / T 40°C / Electronic ballast



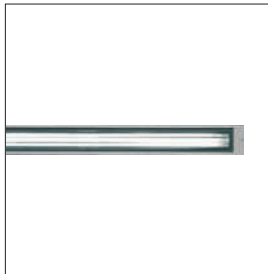
**945457**  
**945457-300** Dimmable Dali



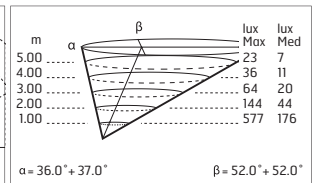
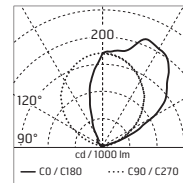
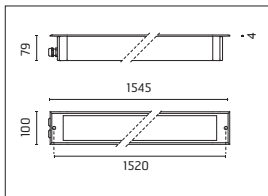
IP67

**Cielo L 1545 mm - Transparent Glass - Asymmetric Optic**

Light Source: T16 / 35W / G5 / T 40°C / Electronic ballast



**945414**  
**945414-300** Dimmable Dali

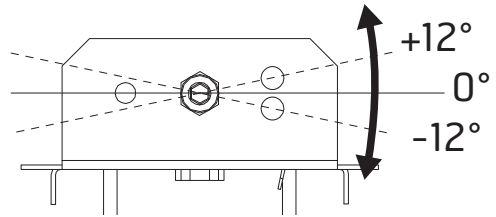
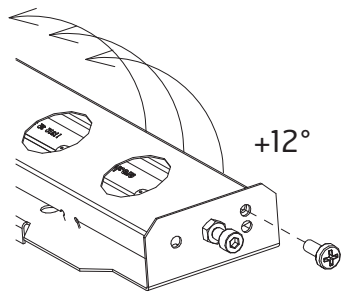
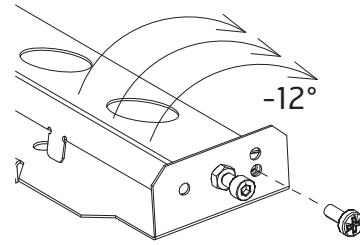
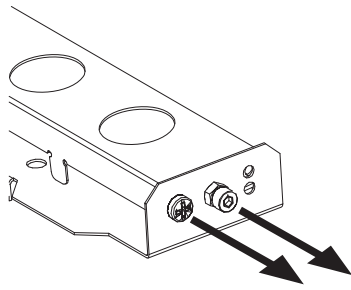


IP67





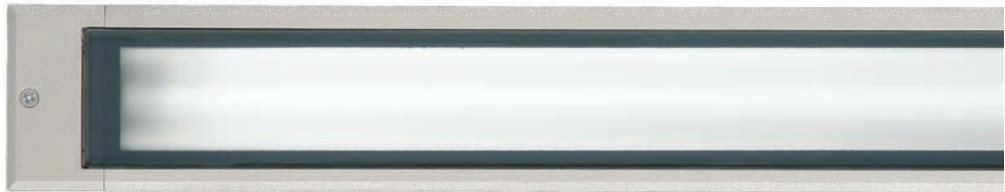




Symmetric Optic - Transparent Glass



Sandblasted Glass



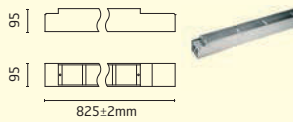
Asymmetric Optic - Transparent Glass



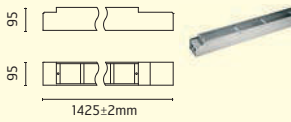


**Accessories: Cielo**

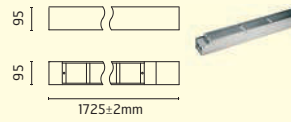
**71**  
BOX FOR INSTALLATION  
825 ±2mm x 95 H 95mm



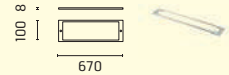
**72**  
BOX FOR INSTALLATION  
1425 ±2mm x 95 H 95mm



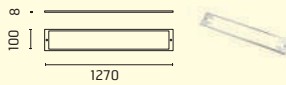
**80**  
BOX FOR INSTALLATION  
1725 ±2mm x 95 H 95mm



**81**  
FRAME FOR RECESSED INSTALLATION  
IN THE CEILING. 670 x 100 x H 8mm



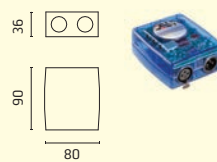
**82**  
FRAME FOR RECESSED INSTALLATION  
IN THE CEILING. 1270 x 100 x H 8mm



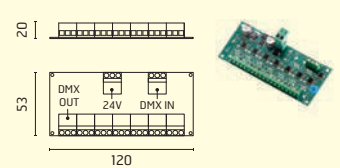
**142**  
DMX CONTROLLER;  
DIMMER SWITCH FOR RECESSED BOX  
(60mm HOLE CENTRES)



**143**  
DMX CONTROLLER;  
STAND-ALONE/PC INTERFACE



**187**  
DMX SPLITTER 512 - ELECTRONIC DEVICE  
TO REGENERATE THE MONODIRECTIONAL  
DMX SIGNAL  
1 INPUT AND 7 OUTPUT, 12-24V dc

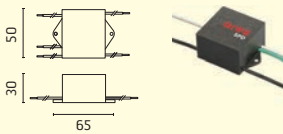


**POWER SUPPLY TO BE ORDERED (87 OR 175 RECOMMENDED)**

**186**  
DMX CABLE - SHIELDED TWISTED PAIR  
WITH 110 Ohm CONSTANT IMPEDANCE.



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION  
- IP66



acc. code ▶	dimmm DALI	dimmm 1-10	71	72	80	81	82	142	143	187	186	237
944213	-300		•			•						
944214	-300		•			•						
944257	-300		•			•						
944813	-300			•			•					
944814	-300			•			•					
944857	-300			•			•					
945413	-300				•							
945414	-300				•							
945457	-300				•							
948012	-300	-310		•			•					•
948013	-300	-310		•			•					•
948312	-300	-310	•			•						•
948313	-300	-310	•			•						•
948512	-300	-310	•			•						•
948513	-300	-310	•			•						•
948612	-300	-310		•			•					•
948613	-300	-310		•			•					•
9418612	-300	-310	•			•						•
9418613	-300	-310	•			•						•
9418713.A			•			•		•	•	•	•	•
9418812	-300	-310		•			•					•
9418813	-300	-310		•			•					•
9418913.A				•			•	•	•	•	•	•
9480131	-300	-310		•			•					•
9483131	-300	-310	•			•						•
9485131	-300	-310	•			•						•
9486131	-300	-310		•			•					•
94186131	-300	-310	•			•						•
94188131	-300	-310		•			•					•

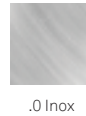














- Round luminaire for installation on wall, ceiling or ground – recessed.
- Configuration: turned aluminium body (EN AW-6060 alloy) with 15 micron anodizing for high resistance to corrosion. AISI 316L cap, open frame and cover. Diffuser: polycarbonate or methacrylate transparent or sandblasted (see the catalogue pages for reference).
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with a piece of cable for an easy-to-make connection. In-ground version: the cable is integrated with an H2O STOP device. Rho is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and is protected against polarity reversal and sudden voltage peak. Outdoor use requires suitable flexible cables. Installation in solid surfaces requires a dedicated box for installation to be purchased separately, installation in panels is only possible with the version with springs. It is important to provide for the in-ground version a >200mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.
- Parallel wiring
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

**A++**  
**A+**  
**A**

**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



	Recessed ground fitting		Recessed wall fitting
	Do not install in hollow areas		Recessed ceiling fitting - In masonry: it is needed the installation box - In plasterboard wall: version with springs
	Installation requires a 20cm water drainage layer (gravel).		Pre-wired with approx 200mm of cable
	Protection against water ingress from the cable (only for in-ground recessed versions)		Remote device required.
	Static load: 500Kg walk over (version with frame) Static load: 2000Kg walk over (version with cover)		Glass surface temperature <70°C
	Protection against impact. IK 06 - 1,00 joule (version with frame) IK 08 - 5,00 joule (version with cover)		Glow wire test: 850°C



### Rho - 316L Stainless Steel Frame - Version With Springs - 15°

Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



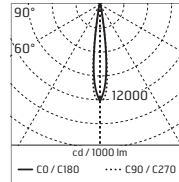
inox only



**517115**  
White 2700K  
lm LED 139 ≈ lm OUTPUT 94

**517113**  
White 3000K  
lm LED 149 ≈ lm OUTPUT 101

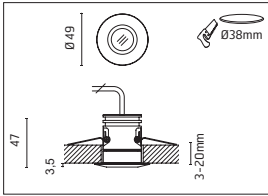
**517112**  
White 4000K  
lm LED 162 ≈ lm OUTPUT 110



m	lux	
	Max	Med
1.00	1398	927
2.00	349	232
3.00	155	103
4.00	87	58
5.00	56	37

$\alpha = 7.5^\circ + 7.5^\circ$   $\beta = 7.5^\circ + 7.5^\circ$

@ 4000K



Dimmable on request

IP67

### Rho - 316L Stainless Steel Frame - 15°

Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



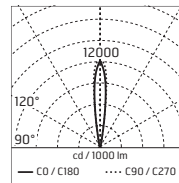
inox only



**517005**  
White 2700K  
lm LED 139 ≈ lm OUTPUT 94

**517003**  
White 3000K  
lm LED 149 ≈ lm OUTPUT 101

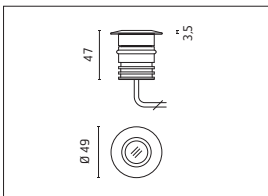
**517002**  
White 4000K  
lm LED 162 ≈ lm OUTPUT 110



m	lux	
	Max	Med
5.00	56	37
4.00	87	58
3.00	155	103
2.00	349	232
1.00	1398	927

$\alpha = 7.5^\circ + 7.5^\circ$   $\beta = 7.5^\circ + 7.5^\circ$

@ 4000K



Dimmable on request

IP67

### Rho - 316L Stainless Steel Frame - Version With Springs - 30°

Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



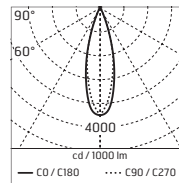
inox only



**517125**  
White 2700K  
lm LED 139 ≈ lm OUTPUT 94

**517123**  
White 3000K  
lm LED 149 ≈ lm OUTPUT 85

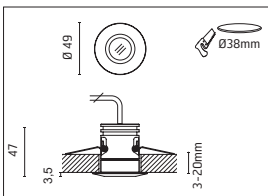
**517122**  
White 4000K  
lm LED 162 ≈ lm OUTPUT 93



m	lux	
	Max	Med
1.00	349	208
2.00	87	52
3.00	39	23
4.00	22	13
5.00	14	8

$\alpha = 14.0^\circ + 14.0^\circ$   $\beta = 14.0^\circ + 14.0^\circ$

@ 4000K

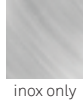


Dimmable on request

IP67

### Rho - 316L Stainless Steel Frame - 30°

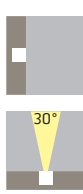
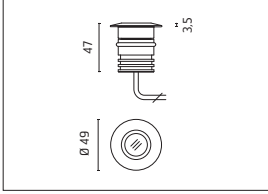
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



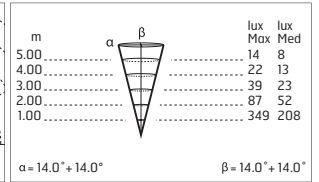
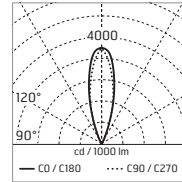
**517016**  
White 2700K  
lm LED 139 ≠ lm OUTPUT 79

**517013**  
White 3000K  
lm LED 149 ≠ lm OUTPUT 85

**517012**  
White 4000K  
lm LED 162 ≠ lm OUTPUT 93



Dimmable on request

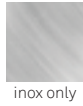


@ 4000K

IP67

### Rho - 316L Stainless Steel Frame - Polycarbonate Opal Diffuser

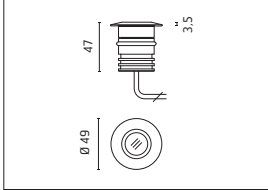
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



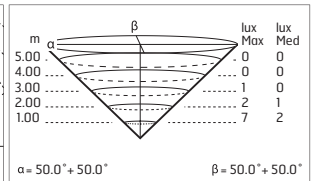
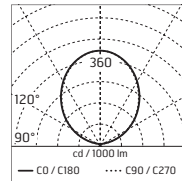
**517017**  
White 2700K  
lm LED 139 ≠ lm OUTPUT 16

**517015**  
White 3000K  
lm LED 149 ≠ lm OUTPUT 17

**517014**  
White 4000K  
lm LED 162 ≠ lm OUTPUT 18



Dimmable on request

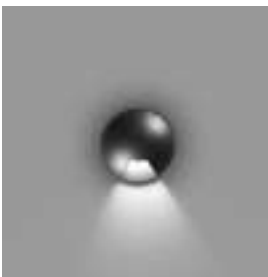


@ 4000K

IP67

### Rho - 316L Stainless Steel Cover - One Emission

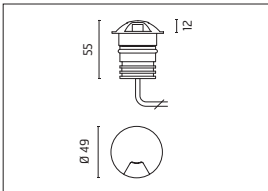
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



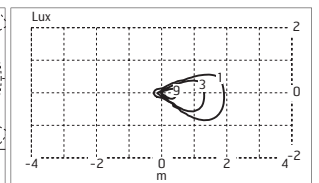
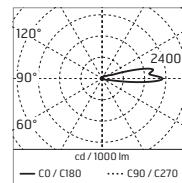
**517025**  
White 2700K  
lm LED 139 ≠ lm OUTPUT 10

**517023**  
White 3000K  
lm LED 149 ≠ lm OUTPUT 11

**517022**  
White 4000K  
lm LED 162 ≠ lm OUTPUT 12



Dimmable on request

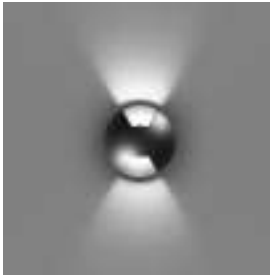


@ 4000K

IP67

### Rho - 316L Stainless Steel Cover - Two Emissions

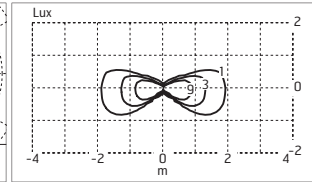
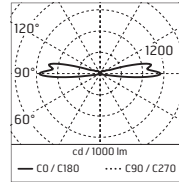
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



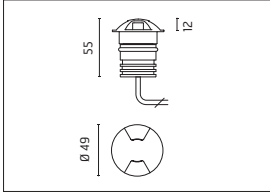
**517035**  
White 2700K  
lm LED 2x139 ≈ lm OUTPUT 2x10

**517033**  
White 3000K  
lm LED 149 ≈ lm OUTPUT 2x11

**517032**  
White 4000K  
lm LED 162 ≈ lm OUTPUT 2x12



@ 4000K

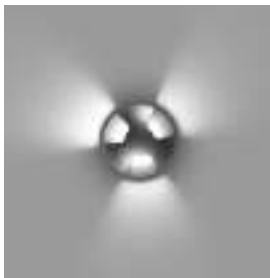


Dimmable on request

IP67

### Rho - 316L Stainless Steel Cover - Three Emissions

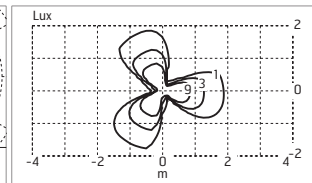
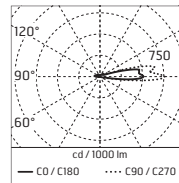
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



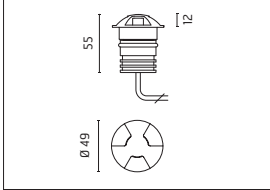
**517045**  
White 2700K  
lm LED 3x139 ≈ lm OUTPUT 3x10

**517043**  
White 3000K  
lm LED 149 ≈ lm OUTPUT 3x11

**517042**  
White 4000K  
lm LED 162 ≈ lm OUTPUT 3x12



@ 4000K

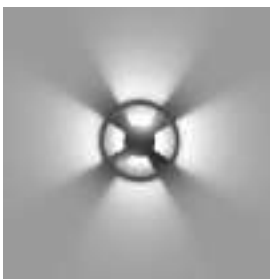


Dimmable on request

IP67

### Rho - 316L Stainless Steel Cover - Omnidirectional

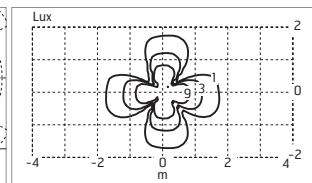
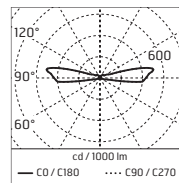
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



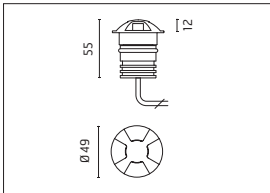
**517055**  
White 2700K  
lm LED 4x139 ≈ lm OUTPUT 4x10

**517053**  
White 3000K  
lm LED 149 ≈ lm OUTPUT 4x11

**517052**  
White 4000K  
lm LED 162 ≈ lm OUTPUT 4x12



@ 4000K



Dimmable on request

IP67

**Rho - 316L Stainless Steel Cover - 180°**

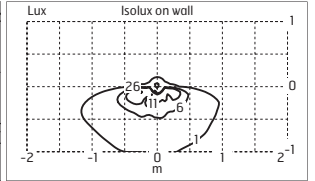
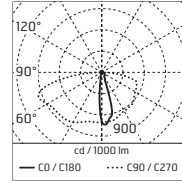
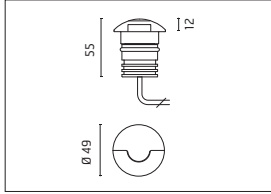
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



**517065**  
White 2700K  
lm LED 139 ≠ lm OUTPUT 36

**517063**  
White 3000K  
lm LED 149 ≠ lm OUTPUT 39

**517062**  
White 4000K  
lm LED 162 ≠ lm OUTPUT 42



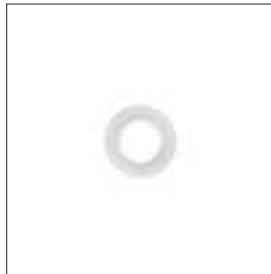
@ 4000K

Dimmable on request



**Rho - Round Methacrylate Diffuser - Version With Springs**

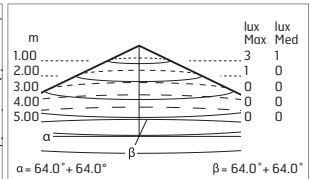
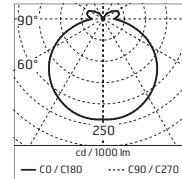
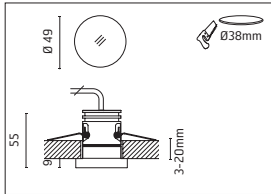
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



**517135**  
White 2700K  
lm LED 139 ≠ lm OUTPUT 11

**517133**  
White 3000K  
lm LED 149 ≠ lm OUTPUT 12

**517132**  
White 4000K  
lm LED 162 ≠ lm OUTPUT 13



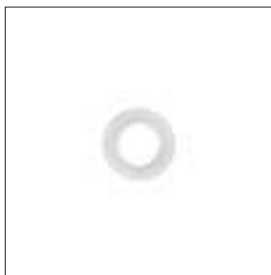
@ 4000K

Dimmable on request



**Rho - Round Methacrylate Diffuser**

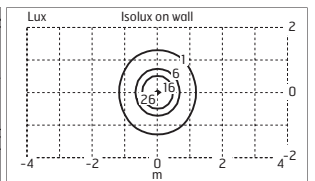
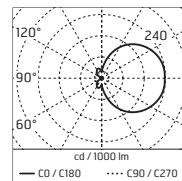
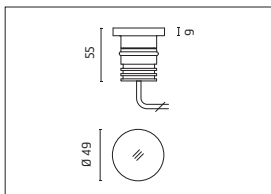
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80 / 12÷24Vdc / Remote electronic power supply to be ordered



**517075**  
White 2700K  
lm LED 139 ≠ lm OUTPUT 11

**517073**  
White 3000K  
lm LED 149 ≠ lm OUTPUT 12

**517072**  
White 4000K  
lm LED 162 ≠ lm OUTPUT 13



@ 4000K

Dimmable on request



## Rho Square Methacrylate Diffuser - Version With Springs

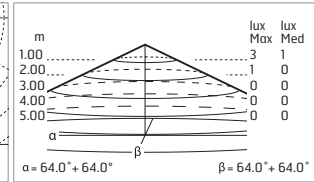
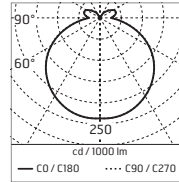
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80/12÷24Vdc / Remote electronic power supply to be ordered



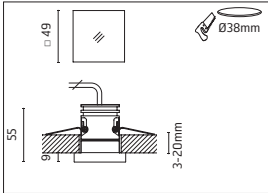
**517145**  
White 2700K  
lm LED 139 ≈ lm OUTPUT 11

**517143**  
White 3000K  
lm LED 149 ≈ lm OUTPUT 12

**517142**  
White 4000K  
lm LED 162 ≈ lm OUTPUT 13



@ 4000K



Dimmable on request

IP67 CE

## Rho Square Methacrylate Diffuser

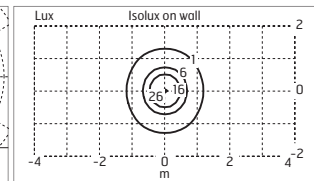
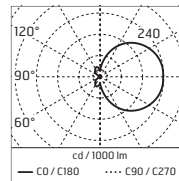
Light Source: Power LED / 1,6W / Total power 2,3W / CRI>80/12÷24Vdc / Remote electronic power supply to be ordered



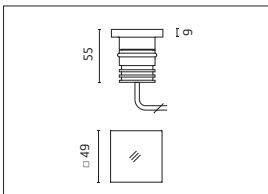
**517085**  
White 2700K  
lm LED 139 ≈ lm OUTPUT 11

**517083**  
White 3000K  
lm LED 149 ≈ lm OUTPUT 12

**517082**  
White 4000K  
lm LED 162 ≈ lm OUTPUT 13



@ 4000K



Dimmable on request

IP67 CE



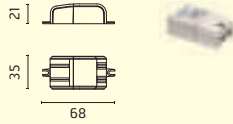
**Accessories: Rho**

**169**  
BOX FOR INSTALLATION  
Ø 105 H 78mm

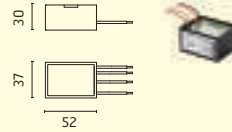


FOR IN-GROUND INSTALLATION  
OR CONCRETE WALL

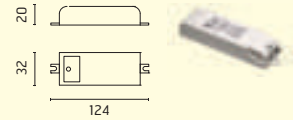
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP20 CLASS II SELV EQ.



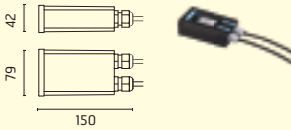
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



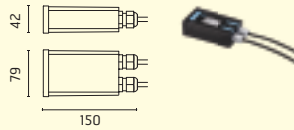
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



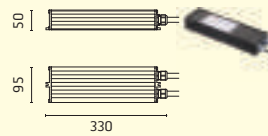
**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP67 CLASS II SELV.



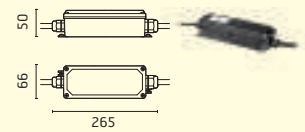
**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.



**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.



**269**  
2 WAY TERMINAL BLOCK 2 POLES IP68  
(Ø4÷6,9mm Cable)  
\*it can't be placed in the recessed box  
for installation



acc. code ▶ prod. code ▼	169	150	106	87	175	147	155	110	269
517002	•	1	1	4	4	5	14	29	•
517003	•	1	1	4	4	5	14	29	•
517005	•	1	1	4	4	5	14	29	•
517012	•	1	1	4	4	5	14	29	•
517013	•	1	1	4	4	5	14	29	•
517014	•	1	1	4	4	5	14	29	•
517015	•	1	1	4	4	5	14	29	•
517016	•	1	1	4	4	5	14	29	•
517017	•	1	1	4	4	5	14	29	•
517022	•	1	1	4	4	5	14	29	•
517023	•	1	1	4	4	5	14	29	•
517025	•	1	1	4	4	5	14	29	•
517032	•	1	1	4	4	5	14	29	•
517033	•	1	1	4	4	5	14	29	•
517035	•	1	1	4	4	5	14	29	•
517042	•	1	1	4	4	5	14	29	•
517043	•	1	1	4	4	5	14	29	•
517045	•	1	1	4	4	5	14	29	•
517052	•	1	1	4	4	5	14	29	•
517053	•	1	1	4	4	5	14	29	•
517055	•	1	1	4	4	5	14	29	•
517062	•	1	1	4	4	5	14	29	•
517063	•	1	1	4	4	5	14	29	•

acc. code ▶ prod. code ▼	169	150	106	87	175	147	155	110	269
517065	•	1	1	4	4	5	14	29	•
517072	•	1	1	4	4	5	14	29	•
517073	•	1	1	4	4	5	14	29	•
517075	•	1	1	4	4	5	14	29	•
517082	•	1	1	4	4	5	14	29	•
517083	•	1	1	4	4	5	14	29	•
517085	•	1	1	4	4	5	14	29	•
517092	•	1	1	4	4	5	14	29	•
517093	•	1	1	4	4	5	14	29	•
517102	•	1	1	4	4	5	14	29	•
517103	•	1	1	4	4	5	14	29	•
517112		1	1	4	4	5	14	29	•
517113		1	1	4	4	5	14	29	•
517115		1	1	4	4	5	14	29	•
517122		1	1	4	4	5	14	29	•
517123		1	1	4	4	5	14	29	•
517125		1	1	4	4	5	14	29	•
517132		1	1	4	4	5	14	29	•
517133		1	1	4	4	5	14	29	•
517135		1	1	4	4	5	14	29	•
517142		1	1	4	4	5	14	29	•
517143		1	1	4	4	5	14	29	•
517145		1	1	4	4	5	14	29	•

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.



- Round luminaire for installation on wall, ceiling or ground – recessed.
- Configuration: turned aluminium body (EN AW-6060 alloy) with 15 micron anodizing for high resistance to corrosion. AISI 316L cap, open frame and cover. Diffuser: polycarbonate or methacrylate transparent or sandblasted (see the catalogue pages for reference).
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with a piece of cable for an easy-to-make connection. In-ground version: the cable is integrated with an H2O STOP device. Sigma is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and is protected against polarity reversal and sudden voltage peak. Outdoor use requires suitable flexible cables. Installation in solid surfaces requires a dedicated box for installation to be purchased separately, installation in panels is only possible with the version with springs. It is important to provide for the in-ground version a >200mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.
- Parallel wiring
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.













EU Regulation 874/2012 - Illumination equipment energy classes

**A++**  
**A+**  
**A**

**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



.0 Inox

	Recessed ground fitting		Recessed wall fitting
	Do not install in hollow areas		Recessed ceiling fitting - In masonry: it is needed the installation box - In plasterboard wall: version with springs
	Installation requires a 20cm water drainage layer (gravel).		Pre-wired with approx 200mm of cable
	Protection against water ingress from the cable (only for in-ground recessed versions)		Remote device required.
	Static load: 500Kg walk over (version with frame) Static load: 2000Kg walk over (version with cover)		Glass surface temperature <70°C
	Protection against impact. IK 06 - 1,00 joule (version with frame) IK 08 - 5,00 joule (version with cover)		Glow wire test: 850°C

### Sigma - 316L Stainless Steel Frame - Version With Springs - 10°

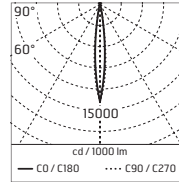
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**518205**  
White 2700K  
lm LED 169 ≠ lm OUTPUT 118

**518006**  
White 3000K  
lm LED 182 ≠ lm OUTPUT 127

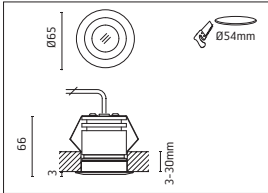
**518005**  
White 4000K  
m LED 198 ≠ lm OUTPUT 138



m	lux	
	Max	Med
1.00	1989	1220
2.00	497	305
3.00	221	136
4.00	124	76
5.00	80	49

$\alpha = 6.0^\circ + 6.0^\circ$        $\beta = 6.0^\circ + 6.0^\circ$

@ 4000K



Dimmable on request



### Sigma - 316L Stainless Steel Frame - 10°

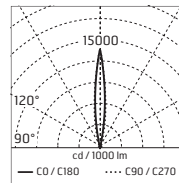
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**518202**  
White 2700K  
lm LED 169 ≠ lm OUTPUT 118

**518003**  
White 3000K  
lm LED 182 ≠ lm OUTPUT 127

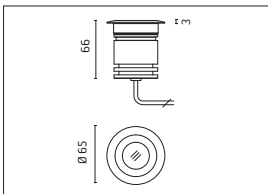
**518002**  
White 4000K  
lm LED 198 ≠ lm OUTPUT 138



m	lux	
	Max	Med
5.00	80	49
4.00	124	76
3.00	221	136
2.00	497	305
1.00	1989	1220

$\alpha = 6.0^\circ + 6.0^\circ$        $\beta = 6.0^\circ + 6.0^\circ$

@ 4000K



Dimmable on request



### Sigma - 316L Stainless Steel Frame - Version With Springs - 30°

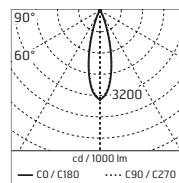
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**518208**  
White 2700K  
lm LED 169 ≠ lm OUTPUT 106

**518009**  
White 3000K  
lm LED 182 ≠ lm OUTPUT 114

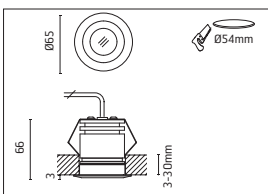
**518008**  
White 4000K  
lm LED 198 ≠ lm OUTPUT 125



m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

$\alpha = 14.0^\circ + 14.0^\circ$        $\beta = 14.0^\circ + 14.0^\circ$

@ 4000K



Dimmable on request



### Sigma - 316L Stainless Steel Frame - 30°

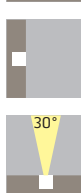
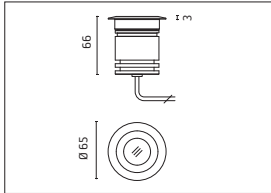
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



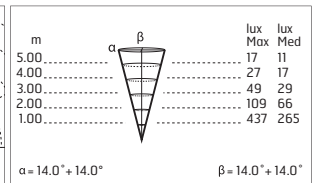
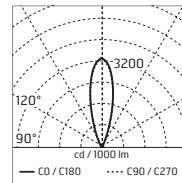
**518212**  
White 2700K  
lm LED 169 ≠ lm OUTPUT 106

**518013**  
White 3000K  
lm LED 182 ≠ lm OUTPUT 114

**518012**  
White 4000K  
lm LED 198 ≠ lm OUTPUT 125



Dimmable on request



@ 4000K

IP67

### Sigma - 316L Stainless Steel Frame - Polycarbonate Opal Diffuser

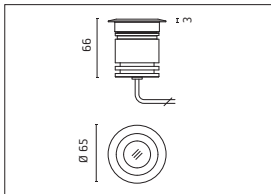
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



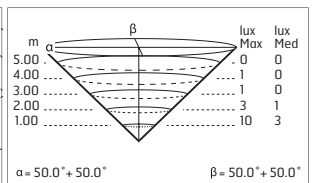
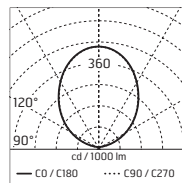
**518234**  
White 2700K  
lm LED 169 ≠ lm OUTPUT 20

**518035**  
White 3000K  
lm LED 182 ≠ lm OUTPUT 22

**518034**  
White 4000K  
lm LED 198 ≠ lm OUTPUT 24



Dimmable on request



@ 4000K

IP67

### Sigma - 316L Stainless Steel Frame - Version With Springs - 10°

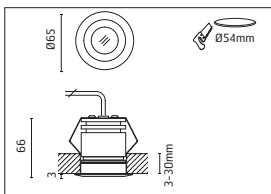
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



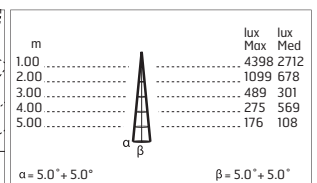
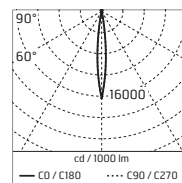
**518215**  
White 2700K  
lm LED 307 ≠ lm OUTPUT 219

**518016**  
White 3000K  
lm LED 330 ≠ lm OUTPUT 236

**518015**  
White 4000K  
lm LED 360 ≠ lm OUTPUT 258



Dimmable on request



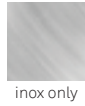
@ 4000K

IP67



### Sigma - 316L Stainless Steel Frame - 10°

Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



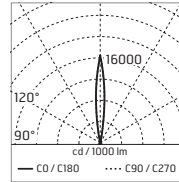
**518222**  
White 2700K  
lm LED 307 ≈ lm OUTPUT 219



**518023**  
White 3000K  
lm LED 330 ≈ lm OUTPUT 236



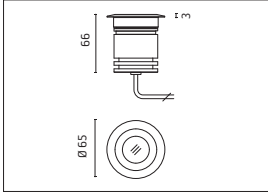
**518022**  
White 4000K  
lm LED 360 ≈ lm OUTPUT 258



m	lux	
	Max	Med
5.00	176	108
4.00	275	169
3.00	489	301
2.00	1099	678
1.00	4398	2712

$\alpha = 5.0^\circ + 5.0^\circ$        $\beta = 5.0^\circ + 5.0^\circ$

@ 4000K

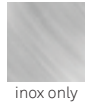


Dimmable on request

IP67

### Sigma - 316L Stainless Steel Frame - Version With Springs - 30°

Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



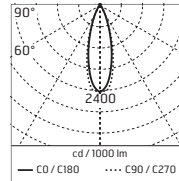
**518225**  
White 2700K  
lm LED 307 ≈ lm OUTPUT 176



**518026**  
White 3000K  
lm LED 330 ≈ lm OUTPUT 189



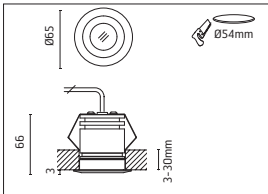
**518025**  
White 4000K  
lm LED 360 ≈ lm OUTPUT 207



m	lux	
	Max	Med
1.00	527	319
2.00	132	80
3.00	59	35
4.00	33	20
5.00	21	13

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$

@ 4000K



Dimmable on request

IP67

### Sigma - 316L Stainless Steel Frame - 30°

Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



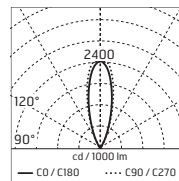
**518232**  
White 2700K  
lm LED 307 ≈ lm OUTPUT 176



**518033**  
White 3000K  
lm LED 330 ≈ lm OUTPUT 189



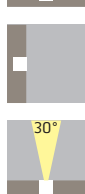
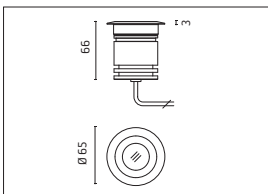
**518032**  
White 4000K  
lm LED 360 ≈ lm OUTPUT 207



m	lux	
	Max	Med
5.00	21	13
4.00	33	20
3.00	59	35
2.00	132	80
1.00	527	319

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$

@ 4000K

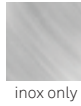
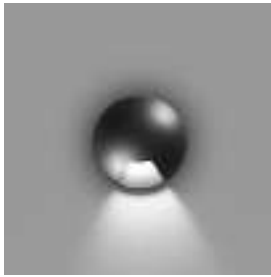


Dimmable on request

IP67

### Sigma - 316L Stainless Steel Cover - One Emission

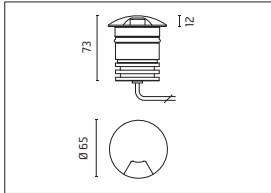
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



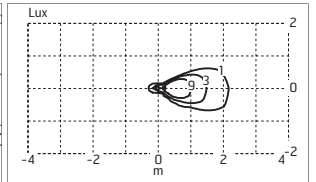
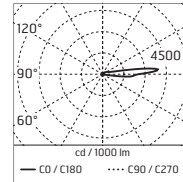
**518242**  
White 2700K  
lm LED 169 ≠ lm OUTPUT 15

**518043**  
White 3000K  
lm LED 182 ≠ lm OUTPUT 16

**518042**  
White 4000K  
lm LED 198 ≠ lm OUTPUT 18



Dimmable on request

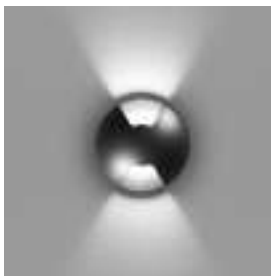


@ 4000K

IP67

### Sigma - 316L Stainless Steel Cover - Two Emissions

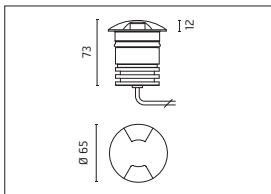
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



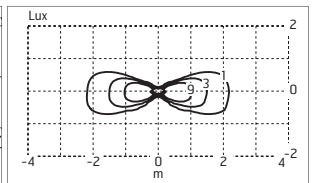
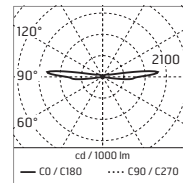
**518252**  
White 2700K  
lm LED 2x169 ≠ lm OUTPUT 2x15

**518053**  
White 3000K  
lm LED 182 ≠ lm OUTPUT 2x16

**518052**  
White 4000K  
lm LED 198 ≠ lm OUTPUT 2x18



Dimmable on request

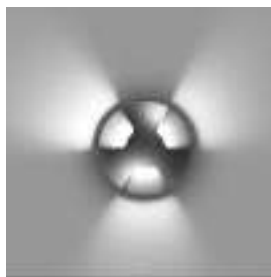


@ 4000K

IP67

### Sigma - 316L Stainless Steel Cover - Three Emissions

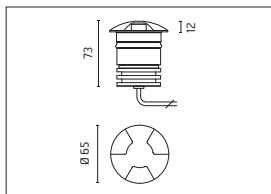
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



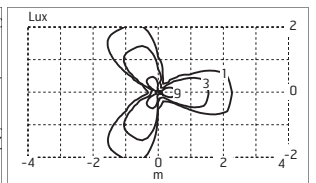
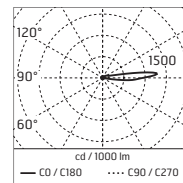
**518262**  
White 2700K  
lm LED 3x169 ≠ lm OUTPUT 3x15

**518063**  
White 3000K  
lm LED 182 ≠ lm OUTPUT 3x16

**518062**  
White 4000K  
lm LED 198 ≠ lm OUTPUT 3x18



Dimmable on request



@ 4000K

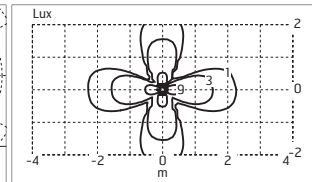
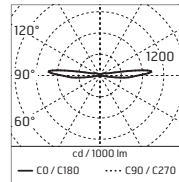
IP67

### Sigma - 316L Stainless Steel Cover - Omnidirectional

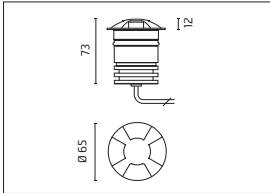
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



- 518272**  
White 2700K  
lm LED 4x169 = lm OUTPUT 4x15
- 518073**  
White 3000K  
lm LED 182 = lm OUTPUT 4x16
- 518072**  
White 4000K  
lm LED 198 = lm OUTPUT 4x18



@ 4000K



Dimmable on request

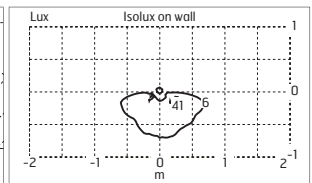
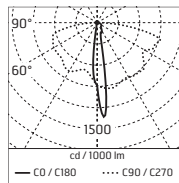
IP67

### Sigma - 316L Stainless Steel Cover - 180°

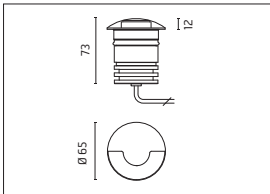
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



- 518282**  
White 2700K  
lm LED 169 = lm OUTPUT 47
- 518083**  
White 3000K  
lm LED 182 = lm OUTPUT 50
- 518082**  
White 4000K  
lm LED 198 = lm OUTPUT 54



@ 4000K



Dimmable on request

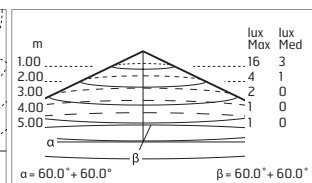
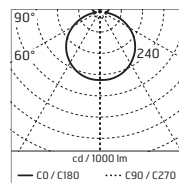
IP67

### Sigma - Version With Springs - Round Methacrylate Diffuser

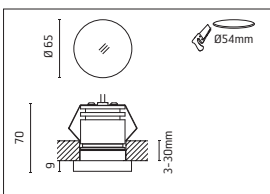
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



- 518285**  
White 2700K  
lm LED 307 = lm OUTPUT 51
- 518086**  
White 3000K  
lm LED 330 = lm OUTPUT 55
- 518085**  
White 4000K  
lm LED 360 = lm OUTPUT 60



@ 4000K



Dimmable on request

IP67

### Sigma - Round Methacrylate Diffuser

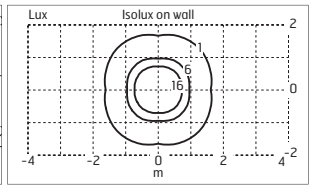
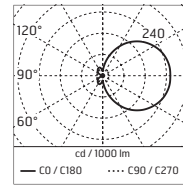
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



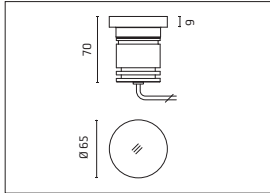
**518292**  
White 2700K  
lm LED 307 ≈ lm OUTPUT 51

**518093**  
White 3000K  
lm LED 330 ≈ lm OUTPUT 55

**518092**  
White 4000K  
lm LED 360 ≈ lm OUTPUT 60



@ 4000K

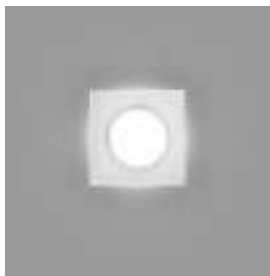


Dimmable on request

IP67

### Sigma - Version With Springs - Round Methacrylate Diffuser

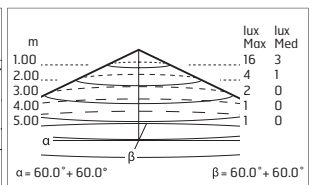
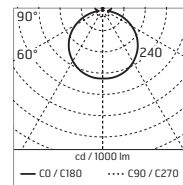
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



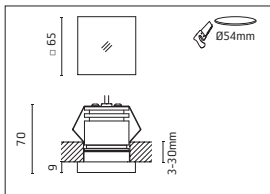
**518295**  
White 2700K  
lm LED 307 ≈ lm OUTPUT 51

**518096**  
White 3000K  
lm LED 330 ≈ lm OUTPUT 55

**518095**  
White 4000K  
lm LED 360 ≈ lm OUTPUT 60



@ 4000K

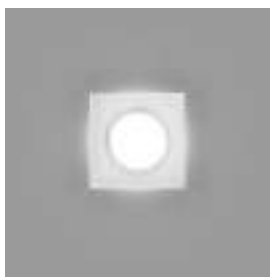


Dimmable on request

IP67

### Sigma - Square Methacrylate Diffuser

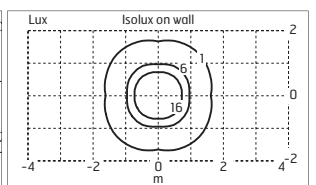
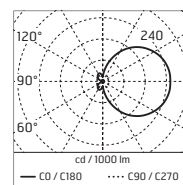
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



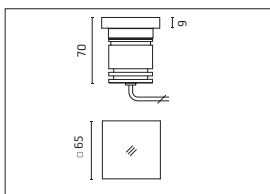
**518302**  
White 2700K  
lm LED 307 ≈ lm OUTPUT 51

**518103**  
White 3000K  
lm LED 330 ≈ lm OUTPUT 55

**518102**  
White 4000K  
lm LED 360 ≈ lm OUTPUT 60



@ 4000K



Dimmable on request

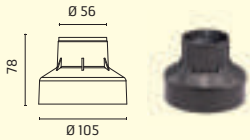
IP67





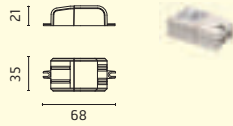
**Accessories: Sigma**

**170**  
BOX FOR INSTALLATION  
Ø 105 H 78mm

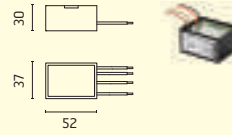


FOR IN-GROUND INSTALLATION  
OR CONCRETE WALL

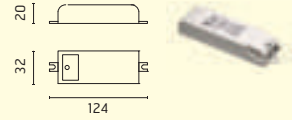
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP20 CLASS II SELV EQ.



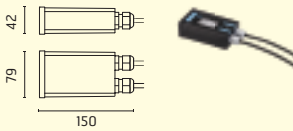
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



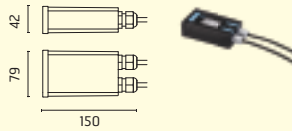
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



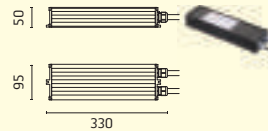
**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP67 CLASS II SELV.



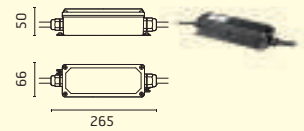
**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.



**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.



**269**  
2 WAY TERMINAL BLOCK 2 POLES IP68  
(Ø4÷6,9mm Cable)  
\*it can't be placed in the recessed box  
for installation



acc. code ▶ prod. code ▼	170	150	106	87	175	147	155	110	269
518002	•	1	1	2	2	3	9	17	•
518003	•	1	1	2	2	3	9	17	•
518005		1	1	2	2	3	9	17	•
518006		1	1	2	2	3	9	17	•
518008		1	1	2	2	3	9	17	•
518009		1	1	2	2	3	9	17	•
518012	•	1	1	2	2	3	9	17	•
518013	•	1	1	2	2	3	9	17	•
518015		1	1	2	2		7	14	•
518016		1	1	2	2		7	14	•
518022	•	1	1	2	2		7	14	•
518023	•	1	1	2	2		7	14	•
518025		1	1	2	2		7	14	•
518026		1	1	2	2		7	14	•
518032	•	1	1	2	2		7	14	•
518033	•	1	1	2	2		7	14	•
518034	•	1	1	2	2	3	9	17	•
518035	•	1	1	2	2	3	9	17	•
518042	•	1	1	2	2	3	9	17	•
518043	•	1	1	2	2	3	9	17	•
518052	•	1	1	2	2	3	9	17	•
518053	•	1	1	2	2	3	9	17	•
518062	•	1	1	2	2	3	9	17	•
518063	•	1	1	2	2	3	9	17	•
518072	•	1	1	2	2	3	9	17	•
518073	•	1	1	2	2	3	9	17	•
518082	•	1	1	2	2	3	9	17	•
518083	•	1	1	2	2	3	9	17	•
518085		1	1	2	2		7	14	•

acc. code ▶ prod. code ▼	170	150	106	87	175	147	155	110	269
518086		1	1	2	2		7	14	•
518092	•	1	1	2	2		7	14	•
518093	•	1	1	2	2		7	14	•
518095		1	1	2	2		7	14	•
518096		1	1	2	2		7	14	•
518102	•	1	1	2	2		7	14	•
518103	•	1	1	2	2		7	14	•
518112	•	1	1	2	2	3	9	17	•
518113	•	1	1	2	2	3	9	17	•
518122	•	1	1	2	2	3	9	17	•
518123	•	1	1	2	2	3	9	17	•
518202	•	1	1	2	2	3	9	17	•
518205		1	1	2	2	3	9	17	•
518208		1	1	2	2	3	9	17	•
518212	•	1	1	2	2	3	9	17	•
518215		1	1	2	2		7	14	•
518222	•	1	1	2	2		7	14	•
518225		1	1	2	2		7	14	•
518232	•	1	1	2	2		7	14	•
518234	•	1	1	2	2	3	9	17	•
518242	•	1	1	2	2	3	9	17	•
518252	•	1	1	2	2	3	9	17	•
518262	•	1	1	2	2	3	9	17	•
518272	•	1	1	2	2	3	9	17	•
518282	•	1	1	2	2	3	9	17	•
518285		1	1	2	2		7	14	•
518292	•	1	1	2	2		7	14	•
518295		1	1	2	2		7	14	•
518302	•	1	1	2	2		7	14	•

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.

















- Square luminaire for installation in-ground – recessed flush with the mounting surface.
- Configuration: die cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L stainless steel frame. Glass diffuser: transparent or sandblasted.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low-voltage: III
- Installation: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables (H<sub>2</sub>O STOP) for an easy-to-make connection. Outdoor use requires suitable flexible cables. Installation requires a dedicated box to be ordered separately. It is important to provide a >300mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

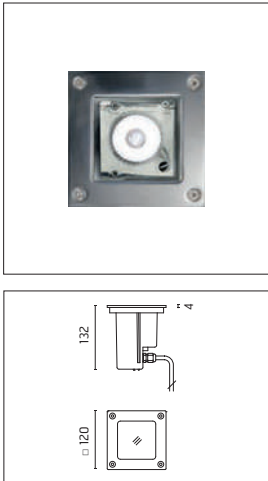
EU Regulation 874/2012 - Illumination equipment energy classes

- A** **LED BULB VERSION:**  
Class A  
DRR/GU5,3  
DR-PAR/GZ10
- B** **HALOGEN VERSION:**  
Class B  
QR-CBC51/GU5,3
- D** **HALOGEN VERSION:**  
Class D  
QRPARCBC51/GZ10



	Recessed ground fitting		Installation requires a 30cm water drainage layer (gravel)
	Do not install in hollow areas		Pre-wired with approx 250mm of cable
	Protection against water ingress from the cable <b>H<sub>2</sub>O STOP</b>		Remote device required
	Static load: 2000Kg walk over		Drive over 50Nm 5kN
	Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation		Protection against impact. IK 09 - 10,00 joule

## Bea - Stainless Steel Frame - Transparent Glass - Adjustable Optic



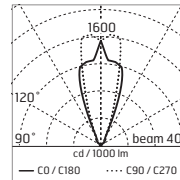
**652815**  
 QPAR CBC 51 50W/230V GZ10  
 T 180°C  
 Optional LED bulb  
 DR PAR 7,5W/230V GZ10  
 Lamp max size: Ø50 mm H.58 mm



**653315**  
 QR CBC 51 50W/12V GU5,3  
 T 180°C

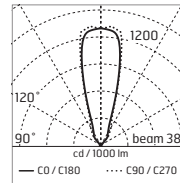
Optional LED bulb  
 DRR 6,5W/12V a.c. GU5,3  
 Lamp max size: Ø50 mm H.48 mm

Remote transformer to be ordered



m	α	β	lux	lux
			Max	Med
5.00			49	29
4.00			77	45
3.00			136	80
2.00			307	180
1.00			1228	718

α = 16.0° + 16.0°      β = 20.0° + 20.0°

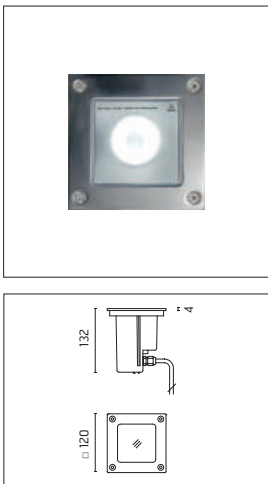


m	α	β	lux	lux
			Max	Med
5.00			40	27
4.00			62	42
3.00			110	74
2.00			248	166
1.00			993	665

α = 16.0° + 16.0°      β = 16.0° + 16.0°

IP67

## Bea - Stainless Steel Frame - Sandblasted Glass



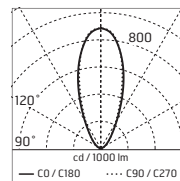
**652828**  
 QPAR CBC 51 50W/230V GZ10  
 T 180°C  
 Optional LED bulb  
 DR PAR 7,5W/230V GZ10  
 Lamp max size: Ø50 mm H.58 mm



**653328**  
 QR CBC 51 50W/12V GU5,3  
 T 180°C

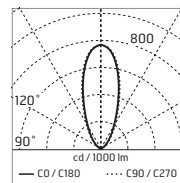
Optional LED bulb  
 DRR 6,5W/12V a.c. GU5,3  
 Lamp max size: Ø50 mm H.48 mm

Remote transformer to be ordered



m	α	β	lux	lux
			Max	Med
5.00			22	16
4.00			42	24
3.00			75	43
2.00			168	97
1.00			672	389

α = 20.0° + 20.0°      β = 20.0° + 20.0°

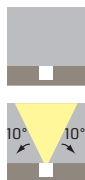
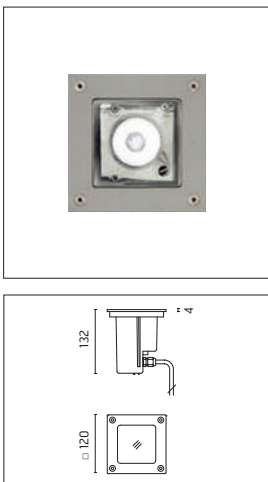


m	α	β	lux	lux
			Max	Med
5.00			23	14
4.00			36	21
3.00			65	38
2.00			146	85
1.00			583	339

α = 20.0° + 20.0°      β = 20.0° + 20.0°

IP67

## Bea - Aluminium Frame - Transparent Glass - Adjustable Optic



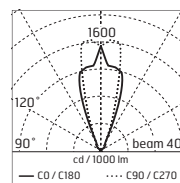
**662815**  
 QPAR CBC 51 50W/230V GZ10  
 T 180°C  
 Optional LED bulb  
 DR PAR 7,5W/230V GZ10  
 Lamp max size: Ø50 mm H.58 mm



**663315**  
 QR CBC 51 50W/12V GU5,3  
 T 180°C

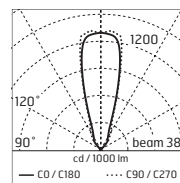
Optional LED bulb  
 DRR 6,5W/12V a.c. GU5,3  
 Lamp max size: Ø50 mm H.48 mm

Remote transformer to be ordered



m	α	β	lux	lux
			Max	Med
5.00			49	29
4.00			77	45
3.00			136	80
2.00			307	180
1.00			1228	718

α = 16.0° + 16.0°      β = 20.0° + 20.0°

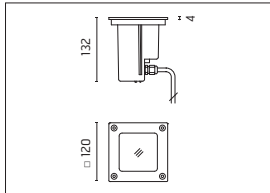


m	α	β	lux	lux
			Max	Med
5.00			40	27
4.00			62	42
3.00			110	74
2.00			248	166
1.00			993	665

α = 16.0° + 16.0°      β = 16.0° + 16.0°

IP67

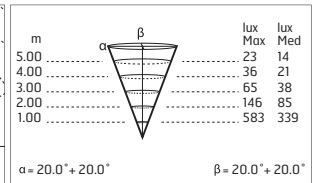
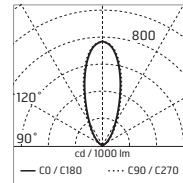
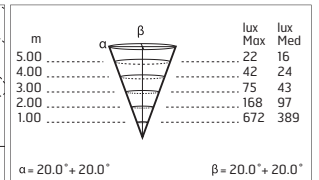
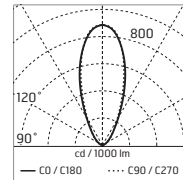
## Bea - Aluminium Frame - Sandblasted Glass



**662823**  
 QPAR CBC 51 50W/230V GZ10  
 T 180°C  
 Optional LED bulb  
 DR PAR 7,5W/230V GZ10  
 Lamp max size: Ø50 mm H.58 mm

**663323**  
 QR CBC 51 50W/12V GU5,3  
 T 180°C  
 Optional LED bulb  
 DRR 6,5W/12V a.c. GU5,3  
 Lamp max size: Ø50 mm H.48 mm

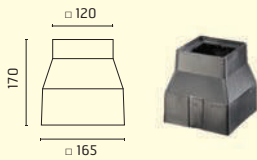
⚡ Remote transformer to be ordered



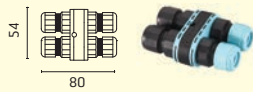
IP67

## Accessories: Bea

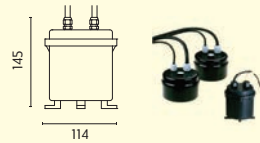
**42**  
 BOX FOR INSTALLATION  
 165 x 165 H 170mm



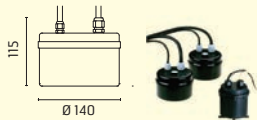
**215**  
 3/4 WAY TERMINAL BLOCK 4 POLES  
 IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)



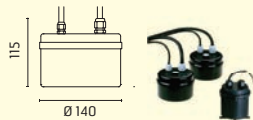
**16**  
 TRANSFORMER 50W  
 230V/12V 50Hz IP 66



**17**  
 TRANSFORMER 200W  
 230V/12V 50Hz IP 66



**18**  
 TRANSFORMER 300W  
 230V/12V 50Hz IP 66



acc. code	42	215	16	17	18
652815	•	•			
653315	•	•	•	•	•
652828	•	•			
653328	•	•	•	•	•
662815	•	•			
663315	•	•	•	•	•
662823	•	•			
663323	•	•	•	•	•





- Round luminaire for installation on wall or ground – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L blasted stainless steel frame. Glass diffuser: Sandblasted with silkscreen border, fixed to the aluminium body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low-voltage: III
- Installation: the luminaire is equipped with a piece of cable for an easy-to-make connection. 220-230V version: the cable is supplied with a 2-way connector for 3-conductor cables (H2O STOP) for an easy-to-make connection. 24V version: the cable is integrated with an H2O STOP device. Outdoor use requires suitable flexible cables. Installation requires a dedicated box to be ordered separately. It is important to provide a >200mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



.0 Inox

	Recessed ground fitting		Recessed wall fitting
	Do not install in hollow areas		Installation requires a 20cm water drainage layer (gravel)
	Pre-wired with approx 250mm of cable.		Protection against water ingress from the cable
	Remote device required for 24V version		Static load: 500Kg walk over
	Glass surface temperature <70°C		Protection against impact. IK 08 - 5,00 joule

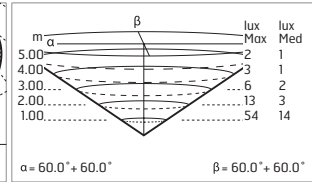
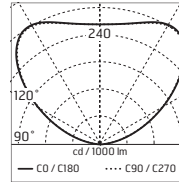
**Chiara - Stainless Steel Frame - Sandblasted Glass - Direct 230V**

**Light Source:** Mid-Power LED / 3,5W / Total power 4W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

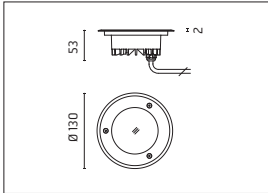


**530008**  
White 3000K  
lm LED 380 ≠ lm OUTPUT 189

**530007**  
White 4000K  
lm LED 400 ≠ lm OUTPUT 199



@ 4000K



IP67

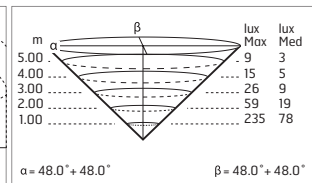
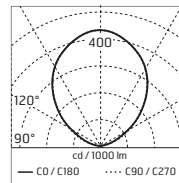
**Chiara - Stainless Steel Frame - Sandblasted Glass - Direct 230V**

**Light Source:** Mid-Power LED / 6,5W / Total power 7W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

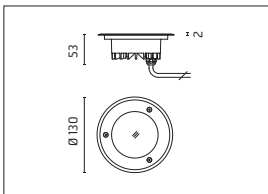


**530003**  
White 3000K  
lm LED 525 ≠ lm OUTPUT 453

**530002**  
White 4000K  
lm LED 555 ≠ lm OUTPUT 479



@ 4000K



IP67

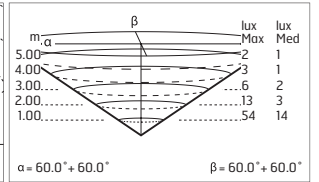
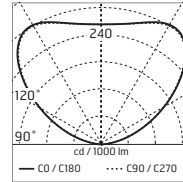
### Chiara - Stainless Steel Frame - Sandblasted Glass - 24Vdc

Light Source: Mid-Power LED / 3,5W / Total power 4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered

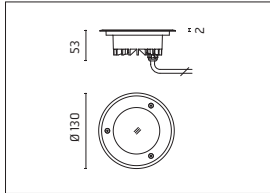


**530010**  
White 3000K  
lm LED 360 ≠ lm OUTPUT 190  
Acc. 144, 176 or 252

**530009**  
White 4000K  
lm LED 380 ≠ lm OUTPUT 200  
Acc. 144, 176 or 252



@ 4000K



IP67

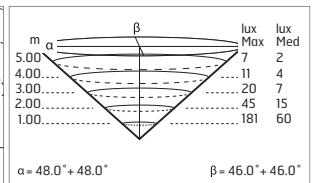
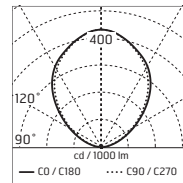
### Chiara - Stainless Steel Frame - Sandblasted Glass - 24Vdc

Light Source: Mid-Power LED / 6,5W / Total power 7,3W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered

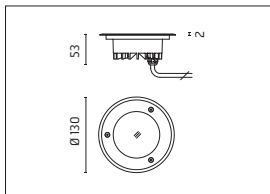


**530006**  
White 3000K  
lm LED 707 ≠ lm OUTPUT 308  
Acc. 144, 176 or 252

**530005**  
White 4000K  
lm LED 734 ≠ lm OUTPUT 394  
Acc. 144, 176 or 252



@ 4000K



IP67

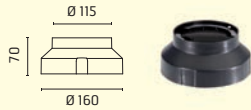




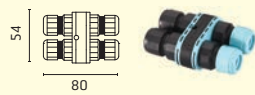


**Accessories: Chiara**

**50**  
BOX FOR INSTALLATION  
Ø 160 H 70mm



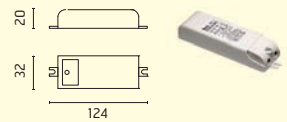
**215**  
3/4 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)



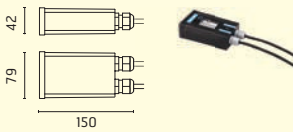
**269**  
2 WAY TERMINAL BLOCK 2 POLES IP68  
(Ø4÷6,9mm Cable)  
\*it can't be placed in the recessed box for installation



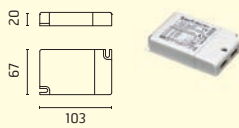
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



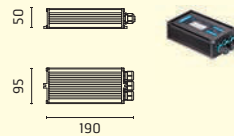
**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP67 CLASS II SELV.



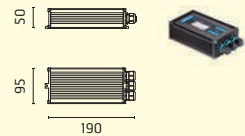
**144**  
POWER SUPPLY 17W/110÷240V  
- 24Vdc (15W@110V) IP20 CLASS  
II SELV.



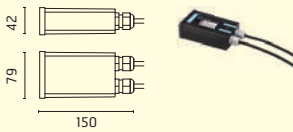
**176**  
POWER SUPPLY 17W/110÷240V  
- 24Vdc (15W@110V) IP67 CLASS  
II SELV.



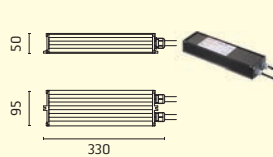
**252**  
POWER SUPPLY 20W/110-240Vdc  
(15W@110V) IP67 CLASS II SELV.



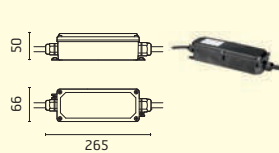
**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



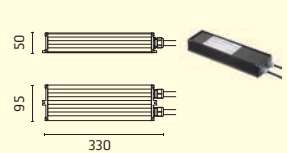
**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.



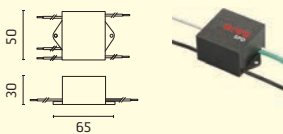
**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.



**156**  
POWER SUPPLY 96W /120÷277V -  
24Vdc IP67 CLASS II SELV.



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac MAXIMUM DISCHARGE  
CURRENT 10kA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION  
- IP66



acc. code ▶	50	215	87	175	144	176	252	147	155	110	156	237	269
530002	•	•										•	
530003	•	•										•	
530005	•		1	1	2	2	2	2	7	9	12		•
530006	•		1	1	2	2	2	2	7	9	12		•
530007	•	•										•	
530008	•	•										•	
530009	•		2	2	4	4	4	4	12	16	21		•
530010	•		2	2	4	4	4	4	12	16	21		•

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.



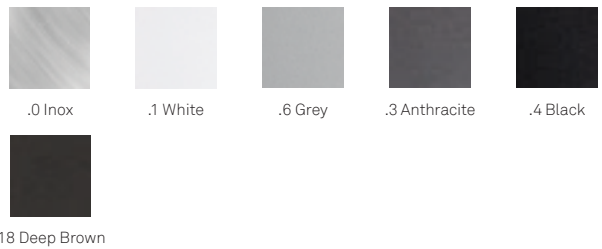




- Round luminaire for installation on wall or ground - recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and aluminium or AISI 316L stainless steel frame. Glass diffuser: transparent or sandblasted.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low voltage: III
- Installation: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables (H2O STOP) for an easy-to-make connection. Outdoor use requires suitable flexible cables. Installation requires a dedicated box to be ordered separately. It is important to provide a >300mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

- A** **LED BULB VERSION:**  
Class A  
DRR/GU5,3  
DR-PAR/GZ10
- B** **HALOGEN VERSION:**  
Class B  
QR-CBC51/GU5,3
- D** **HALOGEN VERSION:**  
Class D  
QRPARCBC51/GZ10



	Recessed ground fitting		Installation requires a 30cm water drainage layer (gravel)
	Do not install in hollow areas		Protection against water ingress from the cable
	Pre-wired with approx 250mm of cable		Static load: 1000Kg walk over (Ø 120mm)
	Remote device required		Static load: 1500Kg walk over (Ø 130mm)
	Protection against impact. IK 09 - 10,00 joule		Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation

## Clio Ø 120mm - Aluminium Frame - Transparent Glass - Fixed Symmetric Optic

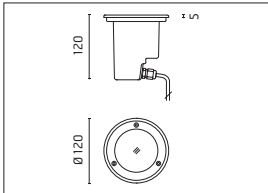
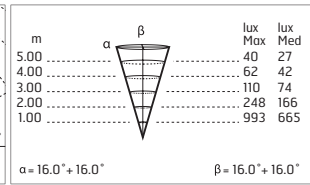
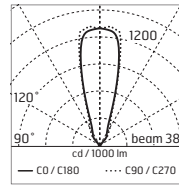
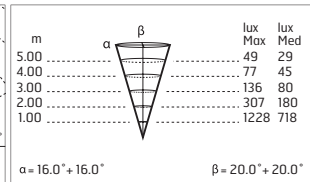
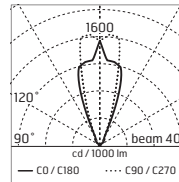


**032856**  
 QPAR CBC 51 50W/230V GZ10  
 T 180°C  
 Optional LED bulb  
 DR PAR 7,5W/230V GZ10  
 Lamp max size: Ø50 mm H.58 mm



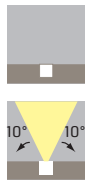
**033356**  
 QR CBC 51 50W/12V GU5,3  
 T 180°C  
 Optional LED bulb  
 DRR 6,5W/12V a.c. GU5,3  
 Lamp max size: Ø50 mm H.48 mm

Remote transformer to be ordered



IP67

## Clio Ø 120mm - Aluminium Frame - Transparent Glass - Adjustable Optic

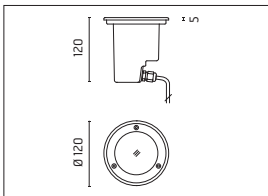
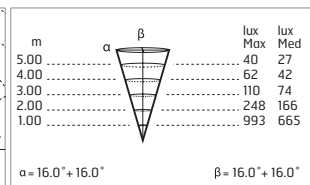
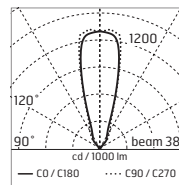
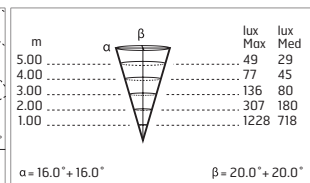
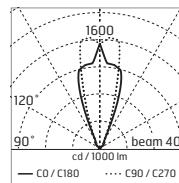


**032815**  
 QPAR CBC 51 50W/230V GZ10  
 T 180°C  
 Optional LED bulb  
 DR PAR 7,5W/230V GZ10  
 Lamp max size: Ø50 mm H.58 mm



**033315**  
 QR CBC 51 50W/12V GU5,3  
 T 180°C  
 Optional LED bulb  
 DRR 6,5W/12V a.c. GU5,3  
 Lamp max size: Ø50 mm H.48 mm

Remote transformer to be ordered



IP67

## Clio Ø 120mm - Aluminium Frame - Sandblasted Glass - Fixed Symmetric Optic

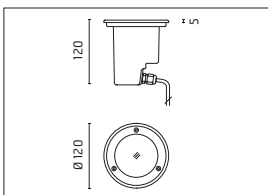
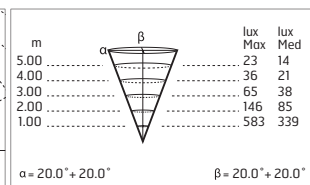
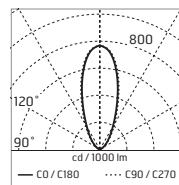
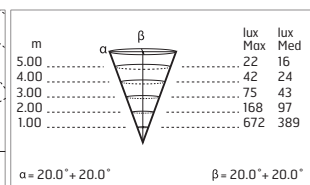
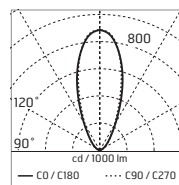


**032823**  
 QPAR CBC 51 50W/230V GZ10  
 T 180°C  
 Optional LED bulb  
 DR PAR 7,5W/230V GZ10  
 Lamp max size: Ø50 mm H.58 mm



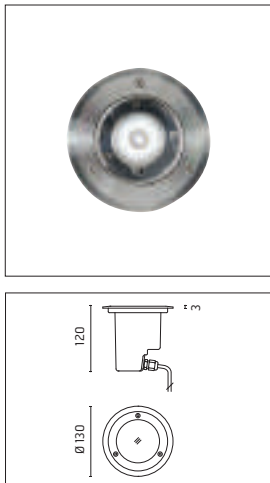
**033323**  
 QR CBC 51 50W/12V GU5,3  
 T 180°C  
 Optional LED bulb  
 DRR 6,5W/12V a.c. GU5,3  
 Lamp max size: Ø50 mm H.48 mm

Remote transformer to be ordered



IP67

**Clio Ø 130mm - Stainless Steel Frame - Transparent Glass - Fixed Symmetric Optic**

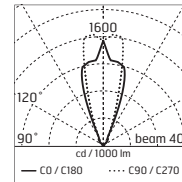


**012856**  
 QPAR CBC 51 50W/230V GZ10  
 T 180°C  
 Optional LED bulb  
 DR PAR 7,5W/230V GZ10  
 Lamp max size: Ø50 mm H.58 mm



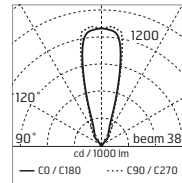
**013356**  
 QR CBC 51 50W/12V GU5,3  
 T 180°C  
 Optional LED bulb  
 DRR 6,5W/12V a.c. GU5,3  
 Lamp max size: Ø50 mm H.48 mm

Remote transformer to be ordered



m	lux	
	Max	Med
5.00	49	29
4.00	77	45
3.00	136	80
2.00	307	180
1.00	1228	718

$\alpha = 16.0^\circ + 16.0^\circ$        $\beta = 20.0^\circ + 20.0^\circ$

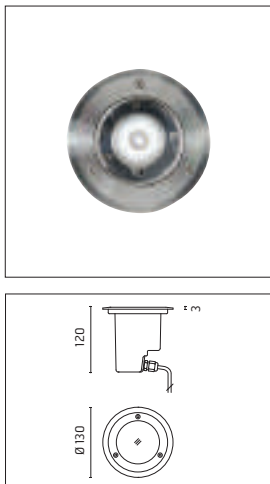


m	lux	
	Max	Med
5.00	40	27
4.00	62	42
3.00	110	74
2.00	248	166
1.00	993	665

$\alpha = 16.0^\circ + 16.0^\circ$        $\beta = 16.0^\circ + 16.0^\circ$

IP67 CE

**Clio Ø 130mm - Stainless Steel Frame - Transparent Glass - Adjustable Optic**

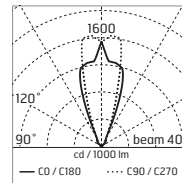


**012815**  
 QPAR CBC 51 50W/230V GZ10  
 T 180°C  
 Optional LED bulb  
 DR PAR 7,5W/230V GZ10  
 Lamp max size: Ø50 mm H.58 mm



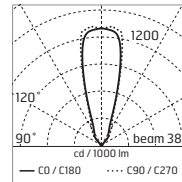
**013315**  
 QR CBC 51 50W/12V GU5,3  
 T 180°C  
 Optional LED bulb  
 DRR 6,5W/12V a.c. GU5,3  
 Lamp max size: Ø50 mm H.48 mm

Remote transformer to be ordered



m	lux	
	Max	Med
5.00	49	29
4.00	77	45
3.00	136	80
2.00	307	180
1.00	1228	718

$\alpha = 16.0^\circ + 16.0^\circ$        $\beta = 20.0^\circ + 20.0^\circ$

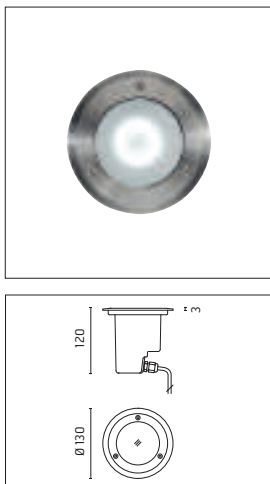


m	lux	
	Max	Med
5.00	40	27
4.00	62	42
3.00	110	74
2.00	248	166
1.00	993	665

$\alpha = 16.0^\circ + 16.0^\circ$        $\beta = 16.0^\circ + 16.0^\circ$

IP67 CE

**Clio Ø 130mm - Stainless Steel Frame - Sandblasted Glass - Fixed Symmetric Optic**

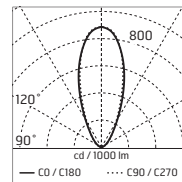


**012828**  
 QPAR CBC 51 50W/230V GZ10  
 T 180°C  
 Optional LED bulb  
 DR PAR 7,5W/230V GZ10  
 Lamp max size: Ø50 mm H.58 mm



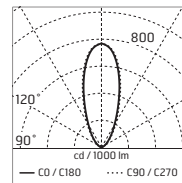
**013328**  
 QR CBC 51 50W/12V GU5,3  
 T 180°C  
 Optional LED bulb  
 DRR 6,5W/12V a.c. GU5,3  
 Lamp max size: Ø50 mm H.48 mm

Remote transformer to be ordered



m	lux	
	Max	Med
5.00	22	16
4.00	42	24
3.00	75	43
2.00	168	97
1.00	672	389

$\alpha = 20.0^\circ + 20.0^\circ$        $\beta = 20.0^\circ + 20.0^\circ$



m	lux	
	Max	Med
5.00	23	14
4.00	36	21
3.00	65	38
2.00	146	85
1.00	583	339

$\alpha = 20.0^\circ + 20.0^\circ$        $\beta = 20.0^\circ + 20.0^\circ$

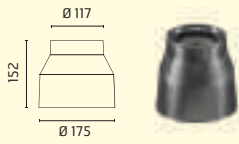
IP67 CE



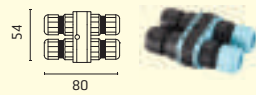


## Accessories: Clio

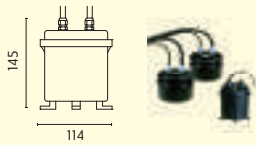
**20**  
BOX FOR INSTALLATION  
Ø 175 H 152mm



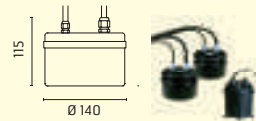
**215**  
3/4 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)



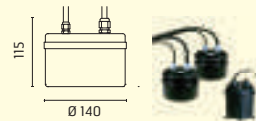
**16**  
TRANSFORMER 50W  
230V/12V 50Hz IP 66



**17**  
TRANSFORMER 200W  
230V/12V 50Hz IP 66



**18**  
TRANSFORMER 300W  
230V/12V 50Hz IP 66



acc. code ▶	20	215	16	17	18
32856	•	•			
33356	•	•	•	•	•
32815	•	•			
33315	•	•	•	•	•
32823	•	•			
33323	•	•	•	•	•
12856	•	•			
13356	•	•	•	•	•
12815	•	•			
13315	•	•	•	•	•
12828	•	•			
13328	•	•	•	•	•





- Round luminaire for installation in-ground – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L stainless steel frame. Glass diffuser: Tempered transparent or sandblasted glass.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables (H<sub>2</sub>O STOP) for an easy-to-make connection. Outdoor use requires suitable flexible cables. Installation requires a dedicated box to be ordered separately. It is important to provide a >400mm gravel layer or a drain system (for concrete surfaces) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes

**A<sup>+</sup>** **LED BULB VERSION:**  
Class A+  
DRRA/E27

**A<sup>+</sup>** **METAL HALIDE VERSION:**  
Class A+  
HIT-CE/G12

**D** **HALOGEN VERSION:**  
Class D  
QT32/E27



.0 Inox



Recessed ground fitting



Installation requires a 40cm water drainage layer (gravel)



Do not install in hollow areas



Pre-wired with approx 250mm of cable



Protection against water ingress from the cable



Static load: 2500Kg walk over (petra)



Drive over



Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation

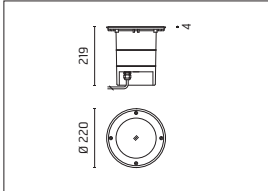


Protection against impact.  
IK 09 - 10,00 joule

## Petra - Symmetric Optic

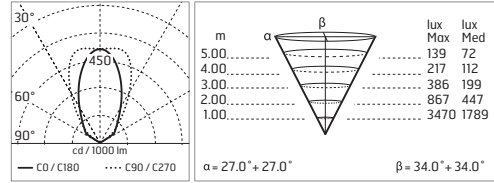
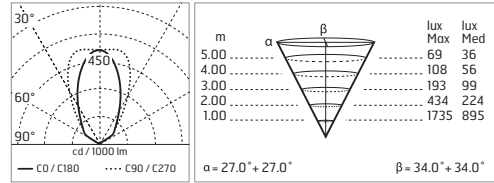
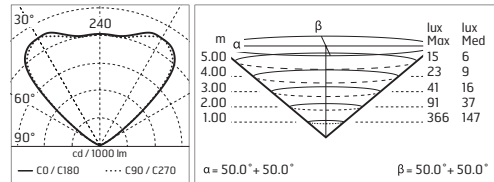


**070113**  
 QT 32 100W E27  
 T 190°C  
 Optional LED bulb  
 DRRA/C 13,5W E27  
 Bulb max size: Ø62 mm H.116 mm  
 Photometric curve not available



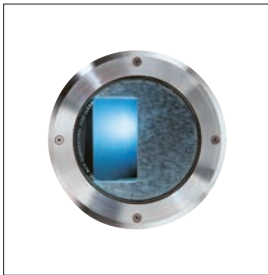
**073513**  
 HIT-CE 35W G12  
 T 105°C

**077113**  
 HIT-CE 70W G12  
 T 105°C

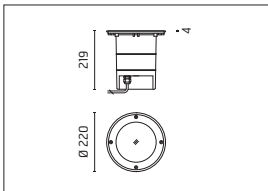


IP67

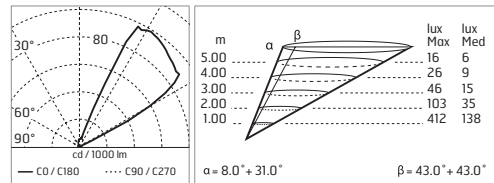
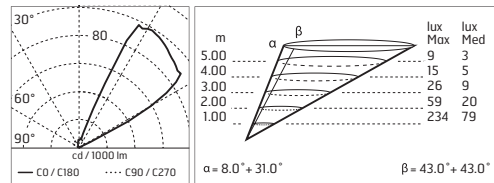
## Petra - Asymmetric Optic



**073514**  
 HIT-CE 35W G12  
 T 105°C



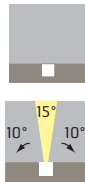
**077114**  
 HIT-CE 70W G12  
 T 105°C



IP67

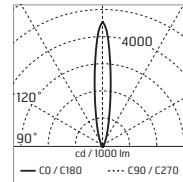
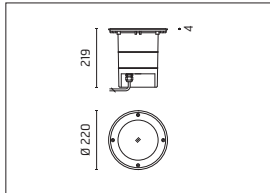


## Petra - Adjustable Optic - 15°



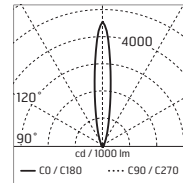
**0735129**  
HIT-CE 35W G12  
T 105°C

**0771129**  
HIT-CE 70W G12  
T 105°C



m	lux	
	Max	Med
5.00	617	385
4.00	963	601
3.00	1713	1068
2.00	3853	2404
1.00	15413	9616

$\alpha = 8.0^\circ + 8.0^\circ$        $\beta = 8.0^\circ + 8.0^\circ$

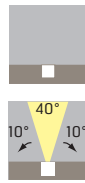


m	lux	
	Max	Med
5.00	1233	769
4.00	1927	1202
3.00	3425	2137
2.00	7706	4808
1.00	30825	19232

$\alpha = 8.0^\circ + 8.0^\circ$        $\beta = 8.0^\circ + 8.0^\circ$

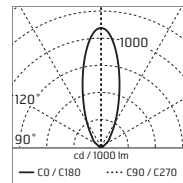
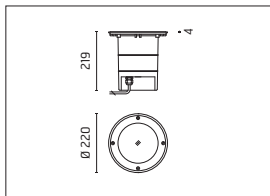
IP67

## Petra - Adjustable Optic - 40°



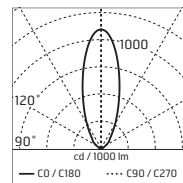
**073515**  
HIT-CE 35W G12  
T 105°C

**077115**  
HIT-CE 70W G12  
T 105°C



m	lux	
	Max	Med
5.00	148	87
4.00	232	136
3.00	412	241
2.00	928	543
1.00	3712	2173

$\alpha = 18.0^\circ + 18.0^\circ$        $\beta = 18.0^\circ + 18.0^\circ$



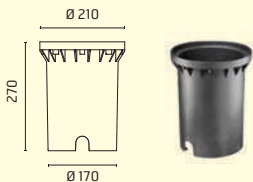
m	lux	
	Max	Med
5.00	297	174
4.00	464	272
3.00	825	483
2.00	1856	1086
1.00	7424	4346

$\alpha = 18.0^\circ + 18.0^\circ$        $\beta = 18.0^\circ + 18.0^\circ$

IP67

## Accessories: Petra

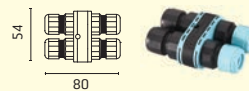
**26**  
BOX FOR INSTALLATION  
Ø 210 H 270mm



**233**  
SANDBLASTED GLASS FOR PETRA  
Ø 172mm



**215**  
3/4 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)



acc. code	26	233	215
070113	•	•	•
0735129	•	•	•
073513	•	•	•
073514	•	•	•
073515	•	•	•
0771129	•		•
077113	•		•
077114	•		•
077115	•		•



- Round luminaire for installation in-ground – recessed.
- Configuration: AISI 316 deep-drawn stainless steel structure with milled AISI 316L stainless steel finish frame. Glass diffuser: transparent or sandblasted. The stainless steel structure allows installation in extreme conditions (sea or road salt).
- Protection rating: IP67
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low voltage: III
- Installation: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables (H<sub>2</sub>O STOP) for an easy-to-make connection. LED 24V is equipped with a dc/dc highly efficient converter that removes electromagnetic interference and allows parallel wiring and is protected against polarity reversal and sudden voltage peak. Outdoor use requires suitable flexible cables. Installation requires a dedicated box for installation (to be ordered separately). It is important to provide a >400mm gravel layer or a drain system (for concrete surface) to ensure good drainage and to avoid water stagnation.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

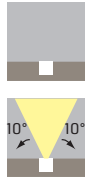
	<b>LED VERSION:</b> Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	<b>METAL HALIDE VERSION:</b> Class A+ HIT-TC-CE/G8,5
	<b>HALOGEN VERSION:</b> Class B QR-CBC51/GU5,3
	<b>HALOGEN VERSION:</b> Class D QT32/E27 QPAR51/GU10



.0 Inox

	Recessed ground fitting		Installation requires a 40cm water drainage layer (gravel)
	Do not install in hollow areas		Pre-wired with approx 250mm of cable
	Protection against water ingress from the cable		Remote device required
	Static load: 2000Kg walk over		Drive over
	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		Protection against impact. IK 09 - 10,00 joule

## Idra Ø 130mm - Transparent Glass - Adjustable Optic

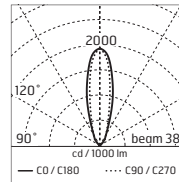


**252815**  
 QPAR 51 35W/230V GU10  
 T 132°C  
 Lamp max size: Ø50 mm H.55 mm  
 Optional LED bulb  
 DR PAR 7,5W/230V GZ10  
 Lamp max size: Ø50 mm H.55 mm



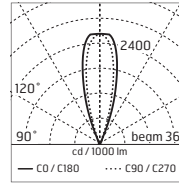
**253315**  
 QR CBC 51 35W/12V GU5,3  
 T 132°C  
 Lamp max size: Ø50 mm H.45 mm  
 Optional LED bulb  
 DRR 6,5W/12V a.c. GU5,3  
 Lamp max size: Ø50 mm H.45 mm

Remote transformer to be ordered



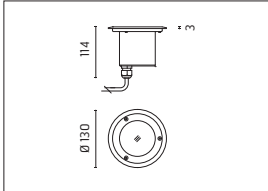
m	α	β	lux	lux
			Max	Med
5.00			16	9
4.00			25	14
3.00			44	25
2.00			99	57
1.00			395	228

α = 12.0° + 12.0°      β = 15.0° + 15.0°



m	α	β	lux	lux
			Max	Med
5.00			73	48
4.00			114	74
3.00			203	132
2.00			458	297
1.00			1831	1189

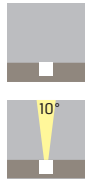
α = 13.0° + 13.0°      β = 16.0° + 16.0°



IP67

## Idra Ø 130mm - Transparent Glass - Symmetric Optic - 10°

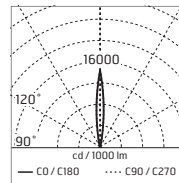
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**255622**  
 White 2700K  
 lm LED 307 ≈ lm OUTPUT 234

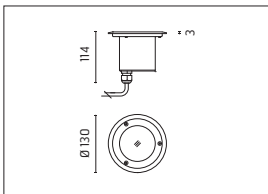
**255612**  
 White 3000K  
 lm LED 330 ≈ lm OUTPUT 252

**2517212**  
 White 4000K  
 lm LED 366 ≈ lm OUTPUT 299



m	α	β	lux	lux
			Max	Med
5.00			177	108
4.00			276	169
3.00			491	300
2.00			1105	675
1.00			4418	2701

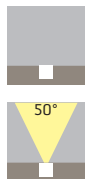
α = 5.0° + 5.0°      β = 5.0° + 5.0°



IP67

## Idra Ø 130mm - Transparent Glass - Symmetric Optic - 50°

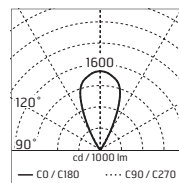
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**2556228**  
 White 2700K  
 lm LED 307 ≈ lm OUTPUT 261

**2556128**  
 White 3000K  
 lm LED 330 ≈ lm OUTPUT 281

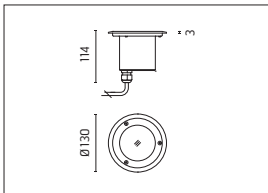
**25172128**  
 White 4000K  
 lm LED 366 ≈ lm OUTPUT 299



m	α	β	lux	lux
			Max	Med
5.00			18	10
4.00			28	16
3.00			49	29
2.00			110	65
1.00			440	260

α = 25.0° + 25.0°      β = 25.0° + 25.0°

@ 4000K



IP67



### Idra Ø 130mm - Sandblasted Glass - Symmetric Optic

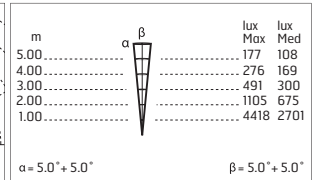
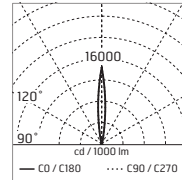
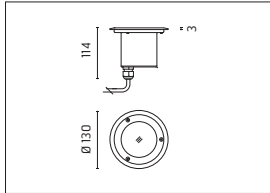
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**255638**  
White 2700K  
lm LED 299 ≈ lm OUTPUT 121

**255628**  
White 3000K  
lm LED 321 ≈ lm OUTPUT 130

**2517228**  
White 4000K  
lm LED 342 ≈ lm OUTPUT 138



@ 4000K

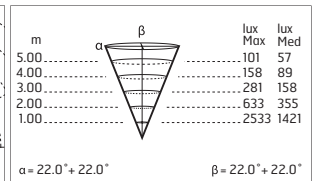
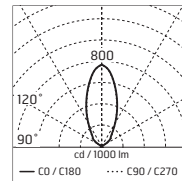
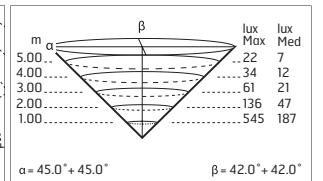
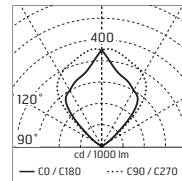
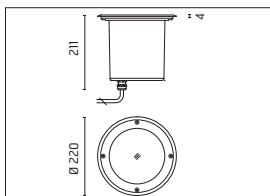
IP67

### Idra Ø 220mm - Transparent Glass - Adjustable Optic



**250113**  
QT 32 100W E27  
T 170°C  
Lamp max size: Ø40 mm H.115 mm

**256713**  
HIT-TC-CE 35W G8,5  
T 85°C

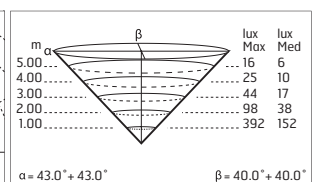
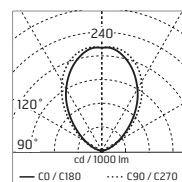
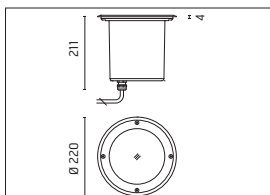


IP67

### Idra Ø 220mm - Sandblasted Glass - Adjustable Optic



**250157**  
QT 32 100W E27  
T 170°C

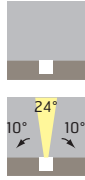


IP67



### Idra Ø 220mm - Transparent Glass - Adjustable Optic - 24°

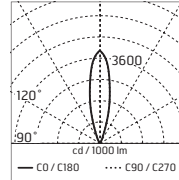
Light Source: Power LED / 15W / Total power 16W / CRI>90 / 220-240V / Integral electronic power supply



**257722.A**  
White 2700K  
lm LED 753 ≈ lm OUTPUT 747

**257712.A**  
White 3000K  
lm LED 810 ≈ lm OUTPUT 803

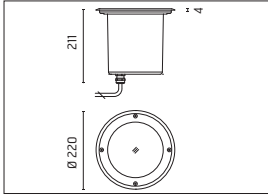
**2518312.A**  
White 4000K  
lm LED 830 ≈ lm OUTPUT 817



m	lux	
	Max	Med
5.00	129	79
4.00	201	124
3.00	358	220
2.00	805	496
1.00	3221	1982

α = 12.0° + 12.0°      β = 12.0° + 12.0°

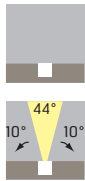
@ 4000K



IP67

### Idra Ø 220mm - Transparent Glass - Adjustable Optic - 44°

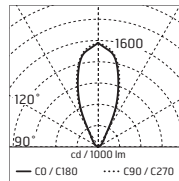
Light Source: Power LED / 15W / Total power 16W / CRI>90 / 220-240V / Integral electronic power supply



**257738.A**  
White 2700K  
lm LED 753 ≈ lm OUTPUT 719

**257728.A**  
White 3000K  
lm LED 810 ≈ lm OUTPUT 741

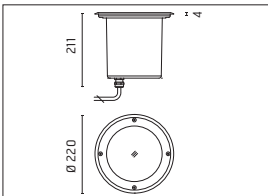
**2518328.A**  
White 4000K  
lm LED 830 ≈ lm OUTPUT 803



m	lux	
	Max	Med
5.00	48	28
4.00	75	43
3.00	134	77
2.00	301	173
1.00	1204	693

α = 22.0° + 22.0°      β = 22.0° + 22.0°

@ 4000K

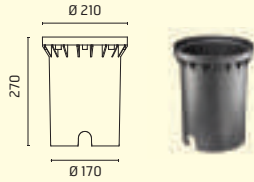


IP67



**Accessories: Idra**

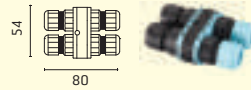
**26**  
BOX FOR INSTALLATION  
Ø 210 H 270mm



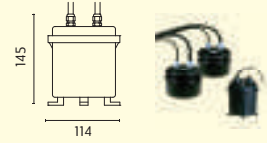
**85**  
BOX FOR INSTALLATION  
Ø 130 H 130mm



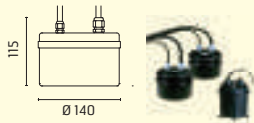
**215**  
3/4 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5±12mm CABLE)



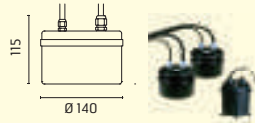
**16**  
TRANSFORMER 50W  
230V/12V 50Hz IP 66



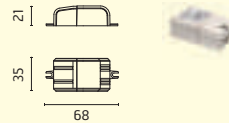
**17**  
TRANSFORMER 200W  
230V/12V 50Hz IP 66



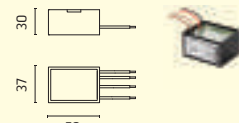
**18**  
TRANSFORMER 300W  
230V/12V 50Hz IP 66



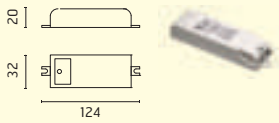
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP20 CLASS II SELV EQ.



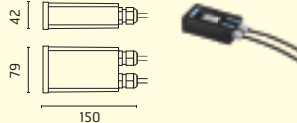
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



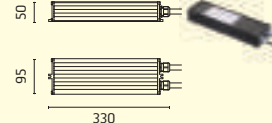
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



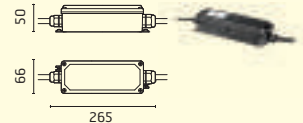
**175**  
POWER SUPPLY 10W/110÷240V - 24Vdc  
IP67 CLASS II SELV.



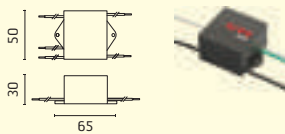
**155**  
POWER SUPPLY 50W/120÷240V - 24Vdc  
IP67 CLASS II SELV.



**110**  
POWER SUPPLY 70W/220÷240V - 24Vdc  
IP67 CLASS II SELV EQ.



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT 10KA  
(8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION  
- IP66



acc. code ▶	26	85	215	16	17	18	150	106	87	175	155	110	237
prod. code ▼													
250113	•		•										
250157	•		•										
252815		•	•										
253315		•	•	•	•	•							
255612		•	•				1	1	2	2	7	14	
255622		•	•				1	1	2	2	7	14	
255628		•	•				1	1	2	2	7	14	
255638		•	•				1	1	2	2	7	14	
256713	•		•										
257712.A	•		•										•
257722.A	•		•										•
257728.A	•		•										•
257738.A	•		•										•
2517212		•	•				1	1	2	2	7	14	
2517228		•	•				1	1	2	2	7	14	
2518312.A	•		•										•
2518328.A	•		•										•
2556128		•	•				1	1	2	2	7	14	
2566228		•	•				1	1	2	2	7	14	
25172128		•	•				1	1	2	2	7	14	

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.



- Slim rectangular or round luminaire for installation on wall – surface or recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Moulded transparent polycarbonate emitting unit (rectangular) or transparent polyurethane resin filling (round) and polished aluminium reflector fixed by double-sided technical tape.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with a piece of cable for an easy-to-make connection. 24V feeding: power supply installed in a remote position; 230V feeding: power supply located behind the luminaire into the recessed box for installation (to be ordered separately). Outdoor use requires suitable flexible cables.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Recessed wall fitting.



Wall fitting



Pre-wired with approx 250mm of cable.



Remote device required.



Protection against impact.  
IK 08 - 5,00 joule

### Trixie Round - Transparent Diffuser

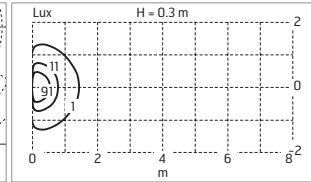
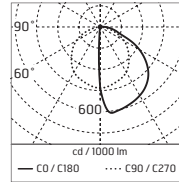
Light Source: Low-Power LED / 1,5W / Total power 1,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



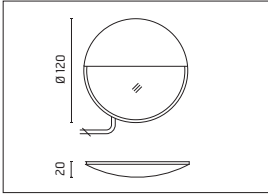
**526005**  
White 2700K  
lm LED 139 lm OUTPUT 66  
Acc. 144, 176 or 252

**526003**  
White 3000K  
lm LED 149 ≠ lm OUTPUT 71  
Acc. 144, 176 or 252

**526002**  
White 4000K  
lm LED 156 ≠ lm OUTPUT 74  
Acc. 144, 176 or 252



@ 4000K



IP65

### Trixie - Transparent Diffuser

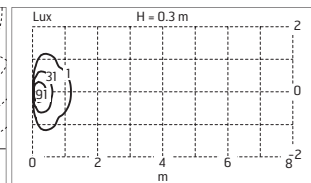
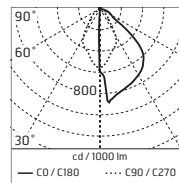
Light Source: Low-Power LED/ 1,5W / Total power 1,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



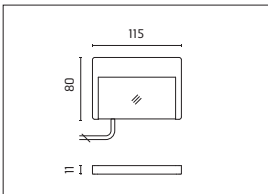
**1029600**  
White 2700K  
lm LED 139 lm OUTPUT 57  
Acc. 144, 176 or 252

**1029500**  
White 3000K  
lm LED 149 ≠ lm OUTPUT 61  
Acc. 144, 176 or 252

**1022900**  
White 4000K  
lm LED 156 ≠ lm OUTPUT 64  
Acc. 144, 176 or 252



@ 4000K



IP65



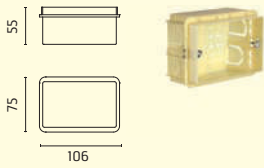




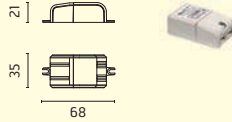


**Accessories: Trixie**

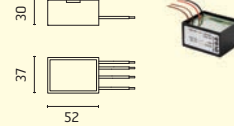
**105**  
3 MODULES RECESSED BOX  
106 x 75 H 55mm



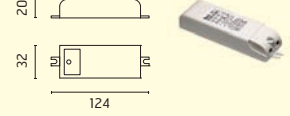
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP20 CLASS II SELV EQ.



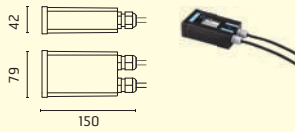
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



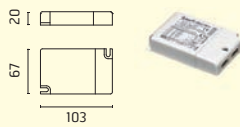
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



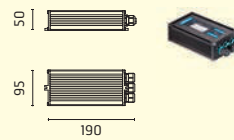
**175**  
POWER SUPPLY 10W/110÷240V - 24Vdc  
IP67 CLASS II SELV.



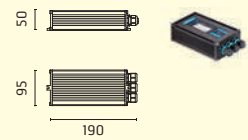
**144**  
POWER SUPPLY 17W/110÷240V - 24Vdc  
(15W@110V) IP20 CLASS II SELV.



**176**  
POWER SUPPLY 17W/110÷240V - 24Vdc  
(15W@110V) IP67 CLASS II SELV.



**252**  
POWER SUPPLY 20W/110-240Vdc  
(15W@110V) IP67 CLASS II SELV.

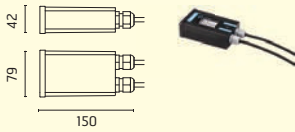


... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

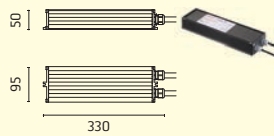
... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

... DIMMABLE: DALI  
See Page 558 Wiring Diagram n.4

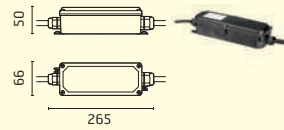
**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



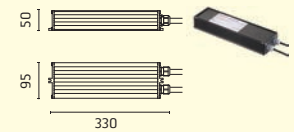
**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.



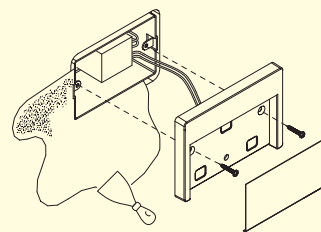
**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.



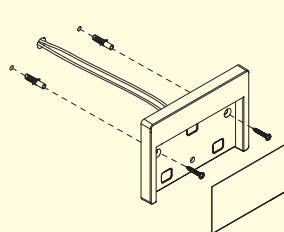
**156**  
POWER SUPPLY 96W /120÷277V -  
24Vdc IP67 CLASS II SELV EQ.



Trixie with box cod.105



Trixie without box cod.105



Optional: power supply code 106 in  
recessed box.

acc. code ▶	105	150	106	87	175	144	176	252	147	155	110	156
prod. code ▼	105	150	106	87	175	144	176	252	147	155	110	156
526002	•	3	3	5	5	8	8	9	9	25	30	45
526003	•	3	3	5	5	8	8	9	9	25	30	45
1029500	•	3	3	5	5	8	8	9	9	25	30	45
10222900	•	3	3	5	5	8	8	9	9	25	30	45
526005	•	3	3	5	5	8	8	9	9	25	30	45
1029600	•	3	3	5	5	8	8	9	9	25	30	45

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.



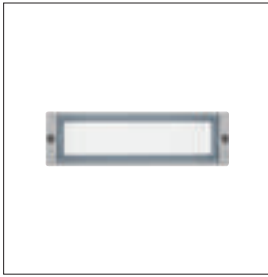






## Camilla L 230 mm - Adjustable Optic - Diffused Light

Light Source: Mid-Power LED / CRI>80

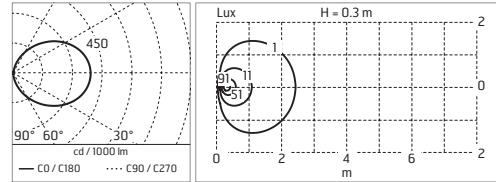


⊕ 4W / Potenza totale 7W / 100÷240V / Integral electronic power supply

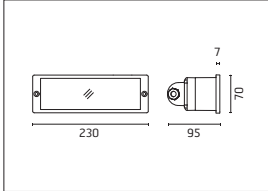
**115147212**  
White 2700K  
lm LED 493 ≠ lm OUTPUT 180

**115147112**  
White 3000K  
lm LED 530 ≠ lm OUTPUT 194

**115147113**  
White 4000K  
lm LED 557 ≠ lm OUTPUT 209



@ 4000K



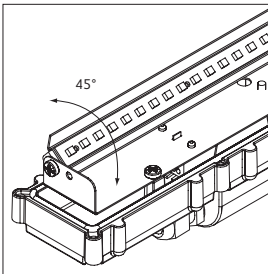
⊕ 4W / Total power 5W / 24Vdc / Remote electronic power supply to be ordered

**115147214**  
White 2700K  
lm LED 493 ≠ lm OUTPUT 180  
Acc. 144, 176 or 252

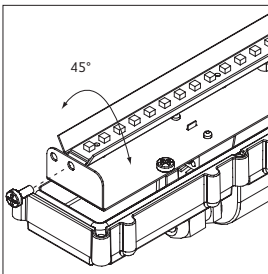
**115147114**  
White 3000K  
lm LED 530 ≠ lm OUTPUT 194  
Acc. 144, 176 or 252

**115147115**  
White 4000K  
lm LED 557 ≠ lm OUTPUT 209  
Acc. 144, 176 or 252

Supplied with asymmetric emission



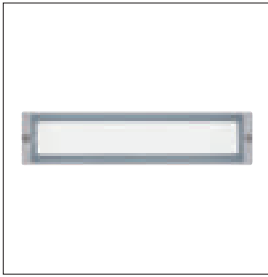
Move the LED module to get the symmetric emission



IP67

## Camilla L 300 mm - Adjustable Optic - Diffused Light

Light Source: Mid-Power LED / CRI>80

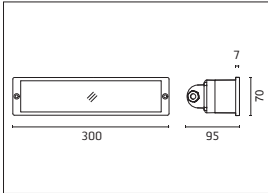
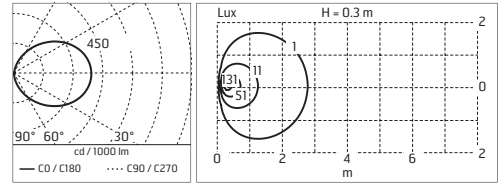


⊕ 6W / Potenza totale 10W / 100÷240V / Integral electronic power supply

**115147216**  
White 2700K  
lm LED 739 ≠ lm OUTPUT 247

**115147116**  
White 3000K  
lm LED 795 ≠ lm OUTPUT 266

**115147117**  
White 4000K  
lm LED 835 ≠ lm OUTPUT 286



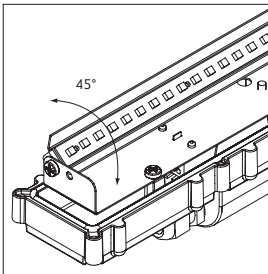
◇ 6W / Total power 7,5W / 24Vdc / Remote electronic power supply to be ordered

**115147218**  
White 2700K  
lm LED 739 ≠ lm OUTPUT 247  
Acc. 144, 176 or 252

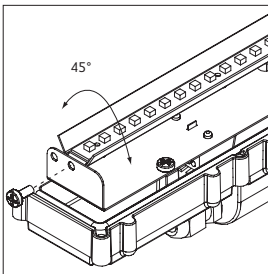
**115147118**  
White 3000K  
lm LED 795 ≠ lm OUTPUT 266  
Acc. 144, 176 or 252

**115147119**  
White 4000K  
lm LED 835 ≠ lm OUTPUT 286  
Acc. 144, 176 or 252

Supplied with asymmetric emission



Move the LED module to get the symmetric emission

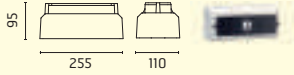


IP67

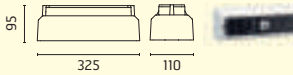


**Accessories: Camilla**

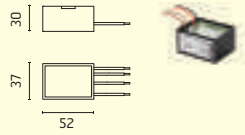
**123**  
BOX FOR INSTALLATION  
255 x 110 x H 95mm



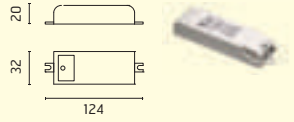
**124**  
BOX FOR INSTALLATION  
325 x 110 x H 95mm



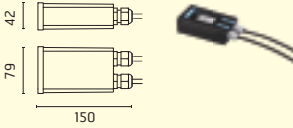
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



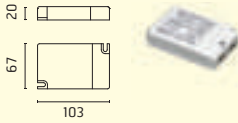
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



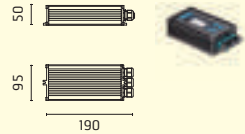
**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP67 CLASS II SELV.



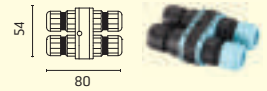
**144**  
POWER SUPPLY 17W/110÷240V -  
24Vdc (15W@110V) IP20 CLASS II  
SELV.



**176**  
POWER SUPPLY 17W/110÷240V -  
24Vdc (15W@110V) IP67 CLASS  
II SELV.



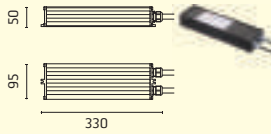
**215**  
3/4 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)



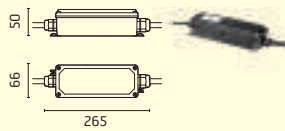
... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

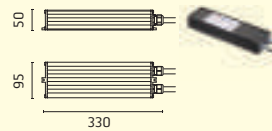
**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.



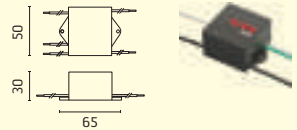
**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.



**156**  
POWER SUPPLY 96W /120÷277V -  
24Vdc IP67 CLASS II SELV.



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNETION  
- IP66



acc. code ▶	123	124	106	87	175	144	176	252	155	110	156	237
prod. code ▼												
115147112	•											•
115147113	•											•
115147114	•		1	2	2	3	3	3	10	13	18	
115147116		•										•
115147117		•										•
115147118		•	1	1	1	2	2	2	6	8	12	
115147119		•	1	1	1	2	2	2	6	8	12	
115147212	•											•
115147214	•		1	2	2	3	3	3	10	13	18	
115147216		•										•
115147218		•	1	1	1	2	2	2	6	8	12	

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.











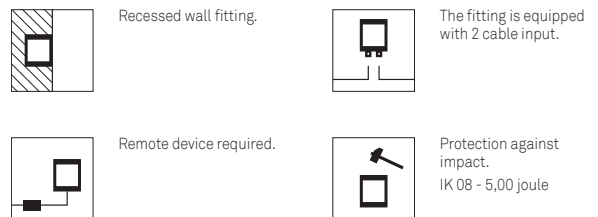




- Rectangular luminaire for installation in the wall – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: sandblasted.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I, LED module: I, III
- Installation: wiring through two M16 plastic cable glands (4,5<math>\times</math>10mm) placed on the back side of the fitting. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. Installation requires a dedicated box to be ordered separately.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes

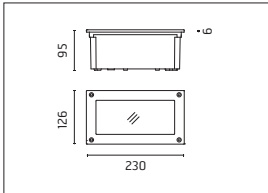
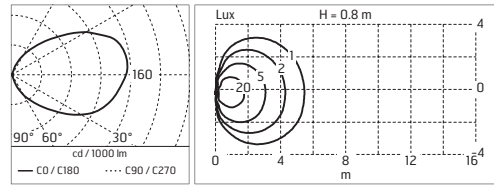
	<b>LED VERSION:</b> Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	<b>FLUORESCENT VERSION:</b> Class A TC-DEL/G24q-2
	
	<b>FLUORESCENT VERSION:</b> Class A/B TC-D/G24d-3
	
	<b>HALOGEN VERSION:</b> Class D QT32/E27



## Alice - All Light



**820123**  
 QT 32 60W E27  
 Lamp max size: Ø40 mm H.125 mm



IP65

## Alice - All Light

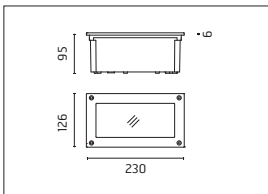
Light Source: Mid-Power LED / 8,8W / Potenza totale 11W / CRI>80 / 220÷240V / Integral electronic power supply



**8202005**  
 White 2700K  
 lm LED 1114 ≠ lm OUTPUT 372

**8202002**  
 White 3000K  
 lm LED 1198 ≠ lm OUTPUT 400

**8202001**  
 White 4000K  
 lm LED 1258 ≠ lm OUTPUT 420

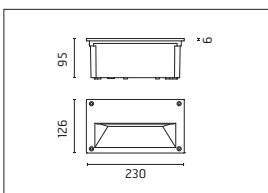
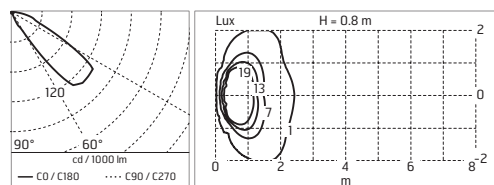


IP65

## Alice - Horizontal Frame



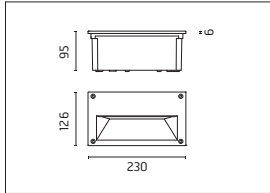
**820117**  
 QT 32 60W E27  
 Lamp max size: Ø40 mm H.125 mm



IP65

## Alice - Horizontal Frame

Light Source: Power LED / CRI>80

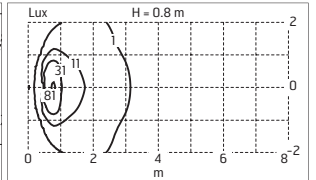
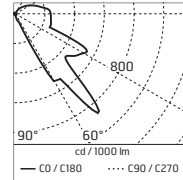


⊕ 5,5W / Potenza totale 8W / 100÷240V / Integral electronic power supply

**8212527**  
White 2700K  
lm LED 558 ≈ lm OUTPUT 131

**8212517**  
White 3000K  
lm LED 600 ≈ lm OUTPUT 141

**8220917**  
White 4000K  
lm LED 650 ≈ lm OUTPUT 153



@ 4000K

◇ 5,5W / Total power 6,7W / 24Vdc / Remote electronic power supply to be ordered

**8225927**  
White 2700K  
lm LED 558 ≈ lm OUTPUT 131

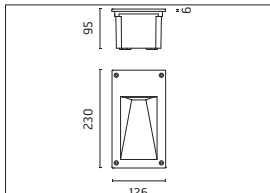
**8225917**  
White 3000K  
lm LED 600 ≈ lm OUTPUT 141

**8225817**  
White 4000K  
lm LED 650 ≈ lm OUTPUT 153

IP65

## Alice Vertical Frame

Light Source: Power LED / CRI>80

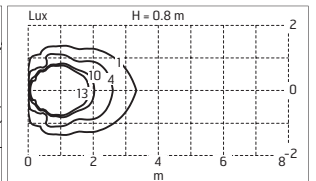
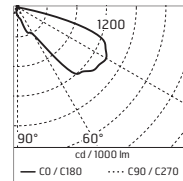


⊕ 3,3W / Potenza totale 6W / 100÷240V / Integral electronic power supply

**8212228**  
White 2700K  
lm LED 299 ≈ lm OUTPUT 68

**8212218**  
White 3000K  
lm LED 321 ≈ lm OUTPUT 73

**8218218**  
White 4000K  
lm LED 342 ≈ lm OUTPUT 81



@ 4000K

◇ 3,3W / Total power 4,5W / 24Vdc / Remote electronic power supply to be ordered

**8226228**  
White 2700K  
lm LED 299 ≈ lm OUTPUT 68

**8226218**  
White 3000K  
lm LED 321 ≈ lm OUTPUT 73

**8226118**  
White 4000K  
lm LED 342 ≈ lm OUTPUT 81

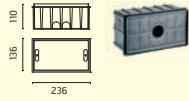
IP65



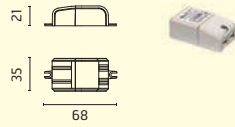


**Accessories: Alice**

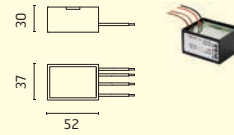
**77**  
BOX FOR INSTALLATION  
236 x 136 H 110mm



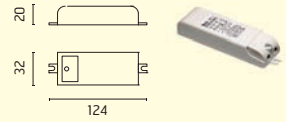
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100±240V  
Iout 350mA: 6x1W/100±240V  
IP20 CLASS II SELV EQ.



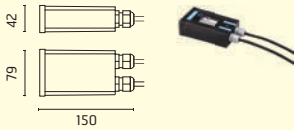
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100±240V  
Iout 350mA: 6x1W/100±240V  
IP65 CLASS II SELV EQ.



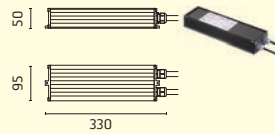
**87**  
POWER SUPPLY 10W/110±240V -  
24Vdc IP20 CLASS II SELV.



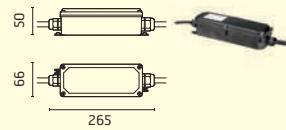
**175**  
POWER SUPPLY 10W/110±240V -  
24Vdc IP67 CLASS II SELV.



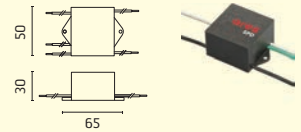
**155**  
POWER SUPPLY 50W/120±240V -  
24Vdc IP67 CLASS II SELV.



**110**  
POWER SUPPLY 70W/220±240V -  
24Vdc IP67 CLASS II SELV EQ.



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION  
- IP66



acc. code ▶	77	150	106	87	175	155	110	237
820117	•							
820123	•							
8202001	•							•
8202002	•							•
8202005	•							•
8212218	•							•
8212228	•							•
8212517	•							•
8212527	•							•
8218218	•							•
8220917	•							•
8225817	•			1	1	4	8	
8225917	•			1	1	4	8	
8225927	•			1	1	4	8	
8226118	•	1	1	2	2	7	14	
8226218	•	1	1	2	2	7	14	
8226228	•	1	1	2	2	7	14	

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.

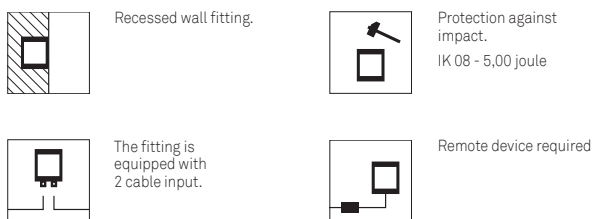




- Square luminaire for installation in the wall – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: transparent or sandblasted, fixed to the frame through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP54
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I, LED module: II, III
- Installation: MiniAlfia is equipped with two cable holders for three single wires. Alfia is equipped with two cable holders for 5<math>\times</math>10mm cables. Outdoor use requires suitable flexible cables assuring the watertightness of the cable holders. Installation requires a dedicated box to be ordered separately.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

	<b>LED VERSION:</b> Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	<b>METAL HALIDE VERSION:</b> Class A+ HIT-CE/G12
	<b>FLUORESCENT VERSION:</b> Class A TC-DEL/G24d-3
	<b>HALOGEN VERSION:</b> Class D QT32/E27 QT14/G9





## MiniAlfia - Transparent Glass

Light Source: Power LED / CRI>80

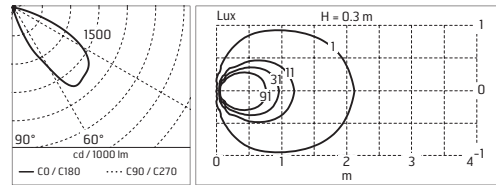


□ 2,2W / Total power 4W / 100÷240V / Integral electronic power supply

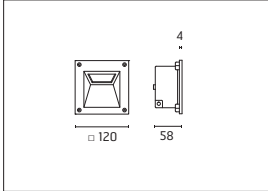
**812420**  
White 2700K  
lm LED 223 ≠ lm OUTPUT 151

**812400**  
White 3000K  
lm LED 240 ≠ lm OUTPUT 162

**8121300**  
White 4000K  
lm LED 260 ≠ lm OUTPUT 175



@ 4000K



◇ 2,2W / Total power 3,1W / 24Vdc / Remote electronic power supply to be ordered

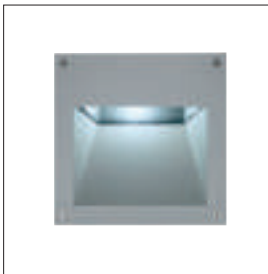
**8121620**  
White 2700K  
lm LED 223 ≠ lm OUTPUT 151

**8121600**  
White 3000K  
lm LED 240 ≠ lm OUTPUT 162

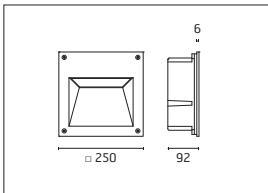
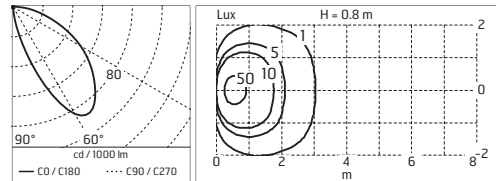
**8121500**  
White 4000K  
lm LED 260 ≠ lm OUTPUT 175

IP54

## Alfia - Transparent Glass



**820100**  
QT 32 100W E27  
Lamp max size: Ø40 mm H.150 mm



IP54

**Alfia - Sandblasted Glass**

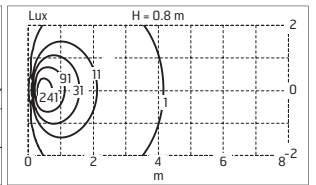
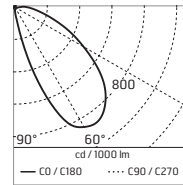
Light Source: Mid-Power LED / 8,8W / Total power 11W / CRI>80 / 220÷240V / Integral electronic power supply



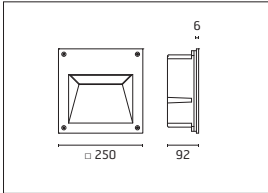
**822805**  
White 2700K  
lm LED 1144 ≈ lm OUTPUT 373

**822801**  
White 3000K  
lm LED 1230 ≈ lm OUTPUT 401

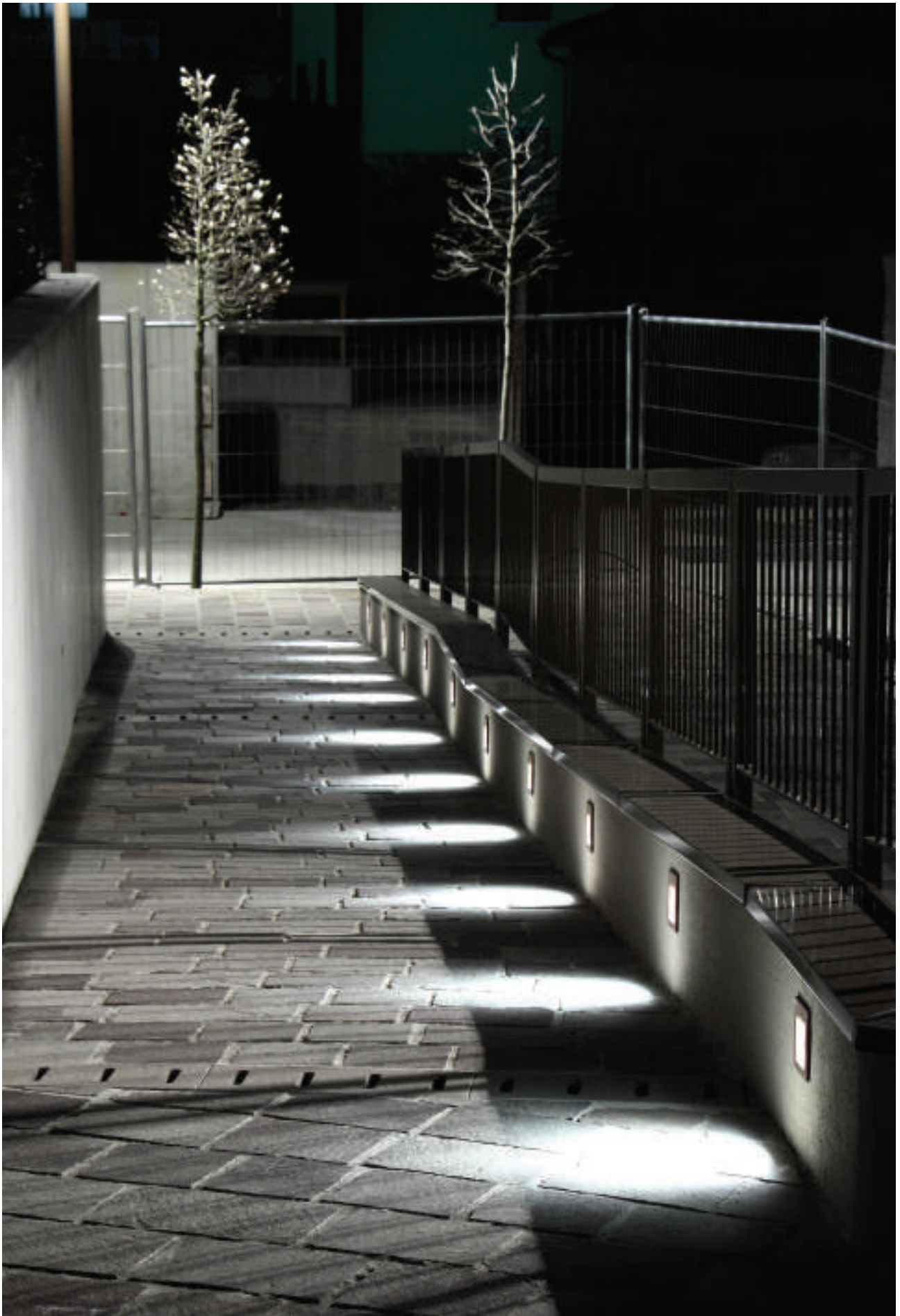
**822800**  
White 4000K  
lm LED 1291 ≈ lm OUTPUT 421



@ 4000K

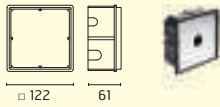


IP54   

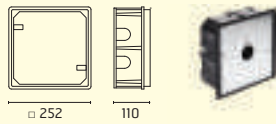


**Accessories: Alfa**

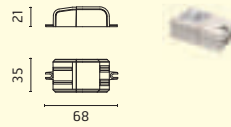
**59**  
BOX FOR INSTALLATION  
122 x 122 H 61mm



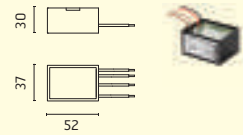
**60**  
BOX FOR INSTALLATION  
252 x 252 H 110mm



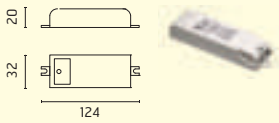
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP20 CLASS II SELV EQ.



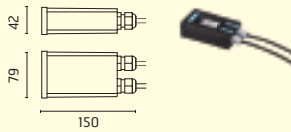
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



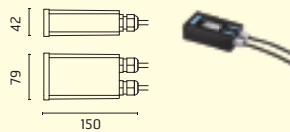
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



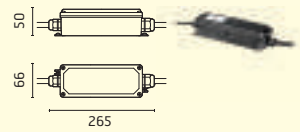
**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP67 CLASS II SELV.



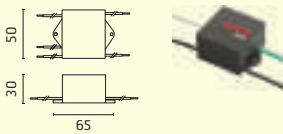
**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNEC-  
TION - IP66



acc. code ▶	59	60	150	106	87	175	147	110	237
816400	•								•
820100		•							
822800		•							•
822801		•							•
8121300	•								•
8121500	•		1	1	2	2	7	15	
8121600	•		1	1	2	2	7	15	
8121620	•		1	1	2	2	7	15	
816420	•								•
822805		•							•

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.







- Round luminaire for installation in the ceiling – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L stainless steel outer frame (raw or painted in white). Glass diffuser: textured with silkscreen border, fixed to the aluminium structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66
- In compliance with EN60598-1 standards
- Class of insulation: II; version 230V: I
- Installation: the luminaire is equipped with a watertight M12 screw-connector providing optimal insulation against water ingress. 220-240V version: the luminaire is supplied with a remote IP67 electronic power supply kit equipped with a piece of cable with screw connector towards the luminaire and a piece of cable to be used for wiring. 230V direct feeding: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables (H2O STOP) for an easy-to-make connection. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland / connector.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



Recessed ceiling  
fitting



Protection against  
water ingress  
from the cable



Pre-wired with  
approx 250mm of  
cable



Protection against  
impact  
IK 06 - 1,00 joule (Leila105-135)  
IK 07 - 2,00 joule (Leila165-225)

## Leila105 - Stainless Steel Frame - 20°

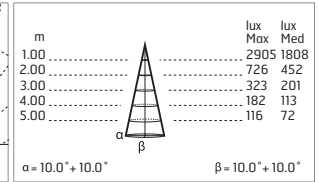
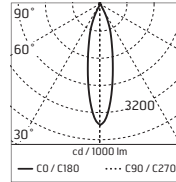
Light Source: CoB LED / 9W / Total power 12W / CRI>80 / 220+240V / Kit with remote electronic power supply included



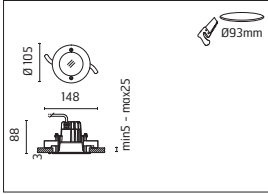
**536103**  
White 2700K  
lm LED 1143 ≈ lm OUTPUT 646

**536003**  
White 3000K  
lm LED 1229 ≈ lm OUTPUT 695

**536002**  
White 4000K  
lm LED 1278 ≈ lm OUTPUT 723



@ 4000K



Dimmable on request

IP66

## Leila105 - Stainless Steel Frame - 45°

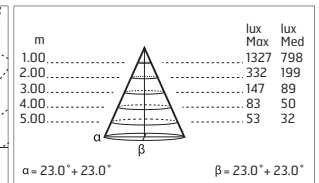
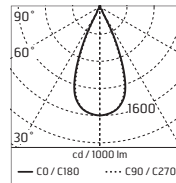
Light Source: CoB LED / 9W / Total power 12W / CRI>80 / 220+240V / Kit with remote electronic power supply included



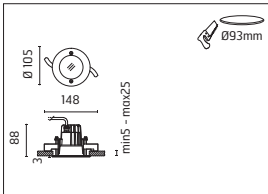
**536106**  
White 2700K  
lm LED 1143 ≈ lm OUTPUT 802

**536006**  
White 3000K  
lm LED 1229 ≈ lm OUTPUT 862

**536005**  
White 4000K  
lm LED 1278 ≈ lm OUTPUT 896



@ 4000K



Dimmable on request

IP66

## Leila105 - Painted Frame - 20°

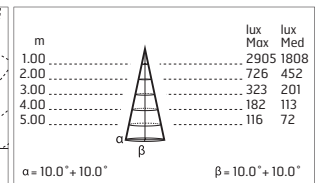
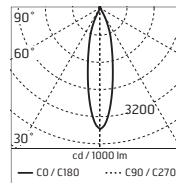
Light Source: CoB LED / 9W / Total power 12W / CRI>80 / 220+240V / Kit with remote electronic power supply included



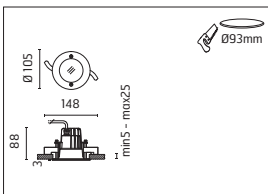
**536109**  
White 2700K  
lm LED 1143 ≈ lm OUTPUT 646

**536009**  
White 3000K  
lm LED 1229 ≈ lm OUTPUT 695

**536008**  
White 4000K  
lm LED 1278 ≈ lm OUTPUT 723



@ 4000K



Dimmable on request

IP66

## Leila105 - Painted Frame - 45°

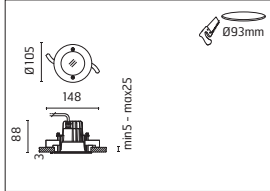
Light Source: CoB LED / 9W / Total power 12W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



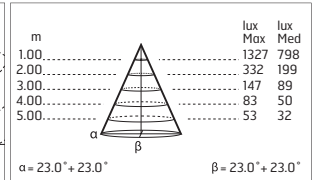
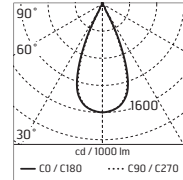
**536112**  
White 2700K  
lm LED 1143 ≠ lm OUTPUT 802

**536012**  
White 3000K  
lm LED 1229 ≠ lm OUTPUT 862

**536011**  
White 4000K  
lm LED 1278 ≠ lm OUTPUT 896



Dimmable on request



@ 4000K

IP66

## Leila135 - Stainless Steel Frame - 20°

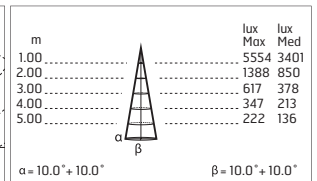
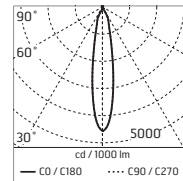
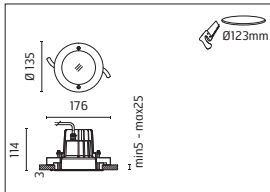
Light Source: CoB LED / 12W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536114**  
**536114-300** Dimmable Dali  
**536114-310** Dimmable 1-10  
White 2700K  
lm LED 1622 lm OUTPUT 1072

**536014**  
**536014-300** Dimmable Dali  
**536014-310** Dimmable 1-10  
White 3000K  
lm LED 1744 ≠ lm OUTPUT 1153

**536013**  
**536013-300** Dimmable Dali  
**536013-310** Dimmable 1-10  
White 4000K  
lm LED 1829 ≠ lm OUTPUT 1210



@ 4000K

IP66

## Leila135 - Stainless Steel Frame - 40°

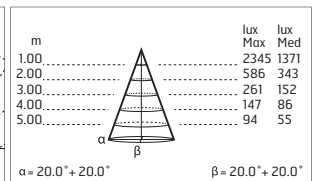
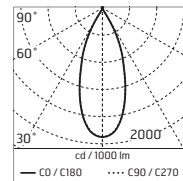
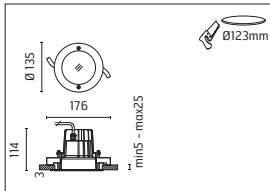
Light Source: CoB LED / 12W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536116**  
**536116-300** Dimmable Dali  
**536116-310** Dimmable 1-10  
White 2700K  
lm LED 1622 lm OUTPUT 1093

**536016**  
**536016-300** Dimmable Dali  
**536016-310** Dimmable 1-10  
White 3000K  
lm LED 1744 ≠ lm OUTPUT 1175

**536015**  
**536015-300** Dimmable Dali  
**536015-310** Dimmable 1-10  
White 4000K  
lm LED 1829 ≠ lm OUTPUT 1232



@ 4000K

IP66



### Leila135 - Stainless Steel Frame - Asymmetric Optic 12° - 20°

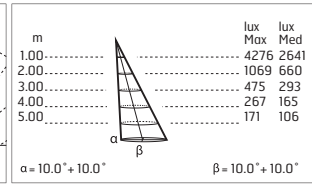
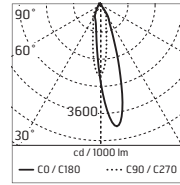
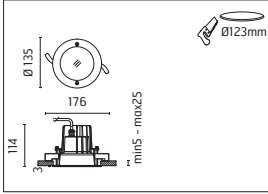
Light Source: CoB LED / 12W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536118**  
**536118-300** Dimmable Dali  
**536118-310** Dimmable 1-10  
 White 2700K  
 lm LED 1535 lm OUTPUT 908

**536018**  
**536018-300** Dimmable Dali  
**536018-310** Dimmable 1-10  
 White 3000K  
 lm LED 1650 ≈ lm OUTPUT 976

**536017**  
**536017-300** Dimmable Dali  
**536017-310** Dimmable 1-10  
 White 4000K  
 lm LED 1716 ≈ lm OUTPUT 1015



@ 4000K

IP66

### Leila135 - Stainless Steel Frame - Asymmetric Optic 12° - 45°

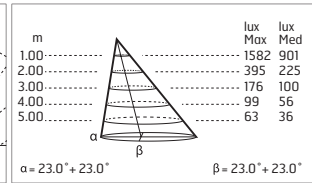
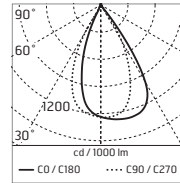
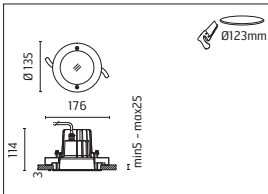
Light Source: CoB LED / 14W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536120**  
**536120-300** Dimmable Dali  
**536120-310** Dimmable 1-10  
 White 2700K  
 lm LED 1535 lm OUTPUT 1126

**536020**  
**536020-300** Dimmable Dali  
**536020-310** Dimmable 1-10  
 White 3000K  
 lm LED 1650 ≈ lm OUTPUT 1211

**536019**  
**536019-300** Dimmable Dali  
**536019-310** Dimmable 1-10  
 White 4000K  
 lm LED 1716 ≈ lm OUTPUT 1259



@ 4000K

IP66

### Leila135 - Painted Frame - 20°

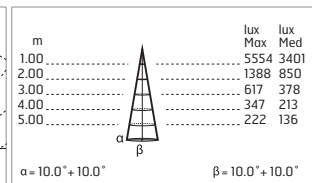
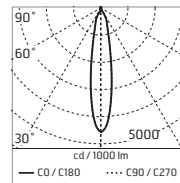
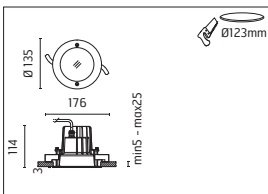
Light Source: CoB LED / 12W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536122**  
**536122-300** Dimmable Dali  
**536122-310** Dimmable 1-10  
 White 2700K  
 lm LED 1622 ≈ lm OUTPUT 1072

**536022**  
**536022-300** Dimmable Dali  
**536022-310** Dimmable 1-10  
 White 3000K  
 lm LED 1744 ≈ lm OUTPUT 1153

**536021**  
**536021-300** Dimmable Dali  
**536021-310** Dimmable 1-10  
 White 4000K  
 lm LED 1829 ≈ lm OUTPUT 1210



@ 4000K

IP66

## Leila135 - Painted Frame - 40°

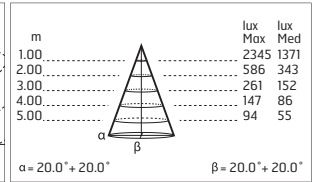
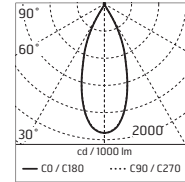
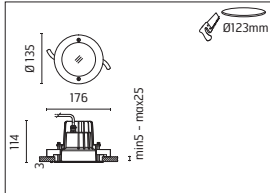
Light Source: CoB LED / 12W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536124**  
**536124-300** Dimmable Dali  
**536124-310** Dimmable 1-10  
 White 2700K  
 lm LED 1622 ≠ lm OUTPUT 1093

**536024**  
**536024-300** Dimmable Dali  
**536024-310** Dimmable 1-10  
 White 3000K  
 lm LED 1744 ≠ lm OUTPUT 1175

**536023**  
**536023-300** Dimmable Dali  
**536023-310** Dimmable 1-10  
 White 4000K  
 lm LED 1829 ≠ lm OUTPUT 1232



@ 4000K

IP66

## Leila135 - Painted Frame - Asymmetric Optic 12° - 20°

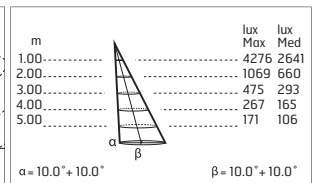
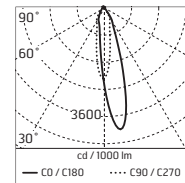
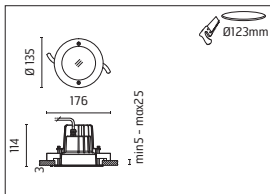
Light Source: CoB LED / 14W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536126**  
**536126-300** Dimmable Dali  
**536126-310** Dimmable 1-10  
 White 2700K  
 lm LED 1535 ≠ lm OUTPUT 908

**536026**  
**536026-300** Dimmable Dali  
**536026-310** Dimmable 1-10  
 White 3000K  
 lm LED 1650 ≠ lm OUTPUT 976

**536025**  
**536025-300** Dimmable Dali  
**536025-310** Dimmable 1-10  
 White 4000K  
 lm LED 1716 ≠ lm OUTPUT 1015



@ 4000K

IP66

## Leila135 - Painted Frame - Asymmetric Optic 12° - 45°

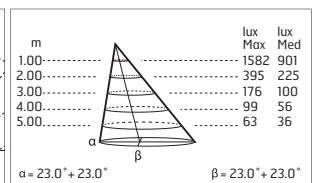
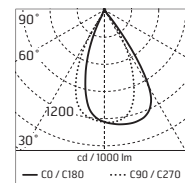
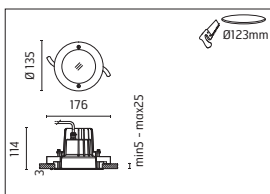
Light Source: CoB LED / 12W / Total power 16W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536128**  
**536128-300** Dimmable Dali  
**536128-310** Dimmable 1-10  
 White 2700K  
 lm LED 1535 ≠ lm OUTPUT 1126

**536028**  
**536028-300** Dimmable Dali  
**536028-310** Dimmable 1-10  
 White 3000K  
 lm LED 1650 ≠ lm OUTPUT 1211

**536027**  
**536027-300** Dimmable Dali  
**536027-310** Dimmable 1-10  
 White 4000K  
 lm LED 1716 ≠ lm OUTPUT 1259



@ 4000K

IP66

### Leila165 - Stainless Steel Frame - 20°

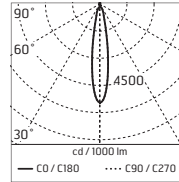
Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536130**  
**536130-300** Dimmable Dali  
**536130-310** Dimmable 1-10  
 White 2700K  
 lm LED 3022 ≠ lm OUTPUT 2566

**536030**  
**536030-300** Dimmable Dali  
**536030-310** Dimmable 1-10  
 White 3000K  
 lm LED 3249 ≠ lm OUTPUT 2759

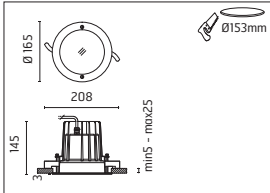
**536029**  
**536029-300** Dimmable Dali  
**536029-310** Dimmable 1-10  
 White 4000K  
 lm LED 3408 ≠ lm OUTPUT 2894



m	lux	
	Max	Med
1.00	15778	9824
2.00	3945	2456
3.00	1753	1092
4.00	986	614
5.00	631	393

$\alpha = 10.0^\circ + 10.0^\circ$        $\beta = 10.0^\circ + 10.0^\circ$

@ 4000K



IP66

### Leila165 - Stainless Steel Frame - 45°

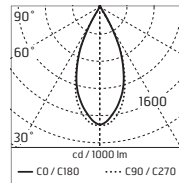
Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536132**  
**536132-300** Dimmable Dali  
**536132-310** Dimmable 1-10  
 White 2700K  
 lm LED 3022 ≠ lm OUTPUT 2509

**536032**  
**536032-300** Dimmable Dali  
**536032-310** Dimmable 1-10  
 White 3000K  
 lm LED 3249 ≠ lm OUTPUT 2698

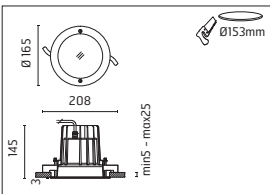
**536031**  
**536031-300** Dimmable Dali  
**536031-310** Dimmable 1-10  
 White 4000K  
 lm LED 3408 ≠ lm OUTPUT 2830



m	lux	
	Max	Med
1.00	4991	2812
2.00	1248	703
3.00	555	312
4.00	312	176
5.00	200	112

$\alpha = 22.0^\circ + 22.0^\circ$        $\beta = 22.0^\circ + 22.0^\circ$

@ 4000K



IP66

### Leila165 - Stainless Steel Frame - Asymmetric Optic 12° - 30°

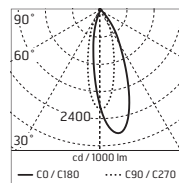
Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536134**  
**536134-300** Dimmable Dali  
**536134-310** Dimmable 1-10  
 White 2700K  
 lm LED 3022 ≠ lm OUTPUT 2096

**536034**  
**536034-300** Dimmable Dali  
**536034-310** Dimmable 1-10  
 White 3000K  
 lm LED 3249 ≠ lm OUTPUT 2254

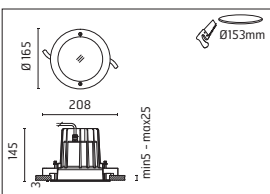
**536033**  
**536033-300** Dimmable Dali  
**536033-310** Dimmable 1-10  
 White 4000K  
 lm LED 3408 ≠ lm OUTPUT 2364



m	lux	
	Max	Med
1.00	6531	3984
2.00	1633	996
3.00	726	443
4.00	408	249
5.00	261	159

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$

@ 4000K



IP66

### Leila165 - Stainless Steel Frame - Asymmetric Optic 12° - 40°

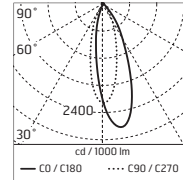
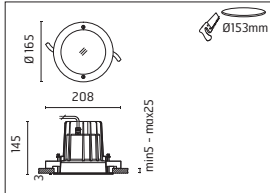
Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536136**  
**536136-300** Dimmable Dali  
**536136-310** Dimmable 1-10  
 White 2700K  
 lm LED 3022 ≠ lm OUTPUT 2007

**536036**  
**536036-300** Dimmable Dali  
**536036-310** Dimmable 1-10  
 White 3000K  
 lm LED 3249 ≠ lm OUTPUT 2158

**536035**  
**536035-300** Dimmable Dali  
**536035-310** Dimmable 1-10  
 White 4000K  
 lm LED 3408 ≠ lm OUTPUT 2263



m	lux Max	lux Med
1.00	6531	3984
2.00	1633	996
3.00	726	443
4.00	408	249
5.00	261	159

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$

@ 4000K

IP66

### Leila165 - Painted Frame - 20°

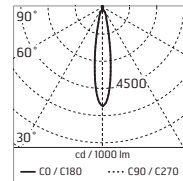
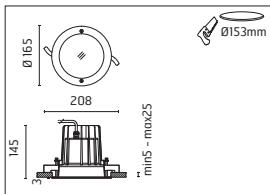
Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536138**  
**536138-300** Dimmable Dali  
**536138-310** Dimmable 1-10  
 White 2700K  
 lm LED 3022 ≠ lm OUTPUT 2566

**536038**  
**536038-300** Dimmable Dali  
**536038-310** Dimmable 1-10  
 White 3000K  
 lm LED 3249 ≠ lm OUTPUT 2759

**536037**  
**536037-300** Dimmable Dali  
**536037-310** Dimmable 1-10  
 White 4000K  
 lm LED 3408 ≠ lm OUTPUT 2894



m	lux Max	lux Med
1.00	15778	9824
2.00	3945	2456
3.00	1753	1092
4.00	986	614
5.00	631	393

$\alpha = 10.0^\circ + 10.0^\circ$        $\beta = 10.0^\circ + 10.0^\circ$

@ 4000K

IP66

### Leila165 - Painted Frame - 45°

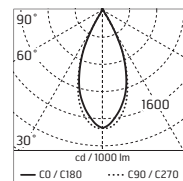
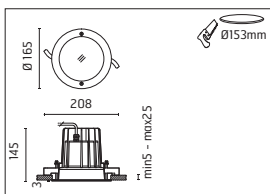
Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536140**  
**536140-300** Dimmable Dali  
**536140-310** Dimmable 1-10  
 White 2700K  
 lm LED 3022 ≠ lm OUTPUT 2509

**536040**  
**536040-300** Dimmable Dali  
**536040-310** Dimmable 1-10  
 White 3000K  
 lm LED 3249 ≠ lm OUTPUT 2698

**536039**  
**536039-300** Dimmable Dali  
**536039-310** Dimmable 1-10  
 White 4000K  
 lm LED 3408 ≠ lm OUTPUT 2830



m	lux Max	lux Med
1.00	4991	2812
2.00	1248	703
3.00	555	312
4.00	312	176
5.00	200	112

$\alpha = 22.0^\circ + 22.0^\circ$        $\beta = 22.0^\circ + 22.0^\circ$

@ 4000K

IP66



### Leila165 - Painted Frame - Asymmetric Optic 12° - 30°

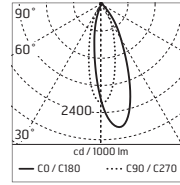
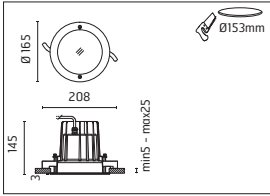
Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536142**  
**536142-300** Dimmable Dali  
**536142-310** Dimmable 1-10  
 White 2700K  
 lm LED 3022 ≠ lm OUTPUT 2096

**536042**  
**536042-300** Dimmable Dali  
**536042-310** Dimmable 1-10  
 White 3000K  
 lm LED 3249 ≠ lm OUTPUT 2254

**536041**  
**536041-300** Dimmable Dali  
**536041-310** Dimmable 1-10  
 White 4000K  
 lm LED 3408 ≠ lm OUTPUT 2364



m	lux	
	Max	Med
1.00	6531	3984
2.00	1633	996
3.00	726	443
4.00	408	249
5.00	261	159

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$

@ 4000K

IP66

### Leila165 - Painted Frame - Asymmetric Optic 12° - 40°

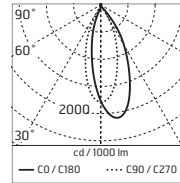
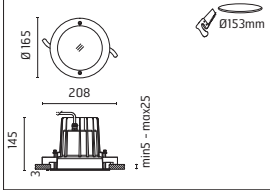
Light Source: CoB LED / 26W / Total power 30W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536144**  
**536144-300** Dimmable Dali  
**536144-310** Dimmable 1-10  
 White 2700K  
 lm LED 3022 ≠ lm OUTPUT 2007

**536044**  
**536044-300** Dimmable Dali  
**536044-310** Dimmable 1-10  
 White 3000K  
 lm LED 3249 ≠ lm OUTPUT 2158

**536043**  
**536043-300** Dimmable Dali  
**536043-310** Dimmable 1-10  
 White 4000K  
 lm LED 3408 ≠ lm OUTPUT 2263



m	lux	
	Max	Med
1.00	4624	2705
2.00	1156	676
3.00	514	301
4.00	289	169
5.00	185	108

$\alpha = 20.0^\circ + 20.0^\circ$        $\beta = 20.0^\circ + 20.0^\circ$

@ 4000K

IP66

### Leila225 - Stainless Steel Frame - 45°

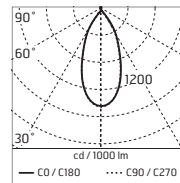
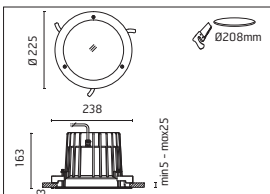
Light Source: CoB LED / 38W / Total power 43W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536148**  
**536148-300** Dimmable Dali  
**536148-310** Dimmable 1-10  
 White 2700K  
 lm LED 4665 ≠ lm OUTPUT 3076

**536048**  
**536048-300** Dimmable Dali  
**536048-310** Dimmable 1-10  
 White 3000K  
 lm LED 5016 ≠ lm OUTPUT 3308

**536047**  
**536047-300** Dimmable Dali  
**536047-310** Dimmable 1-10  
 White 4000K  
 lm LED 5143 ≠ lm OUTPUT 3392



m	lux	
	Max	Med
1.00	4851	2776
2.00	1213	694
3.00	539	308
4.00	303	174
5.00	194	111

$\alpha = 22.0^\circ + 22.0^\circ$        $\beta = 22.0^\circ + 22.0^\circ$

@ 4000K

IP66

### Leila225 - Stainless Steel Frame - Asymmetric Optic 12° - 20°

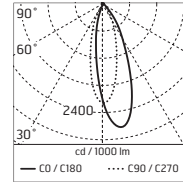
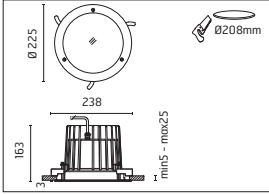
Light Source: CoB LED / 38W / Total power 43W / CRI>80 / 220±240V / Kit with remote electronic power supply included



**536150**  
**536150-300** Dimmable Dali  
**536150-310** Dimmable 1-10  
 White 2700K  
 lm LED 4665 ≠ lm OUTPUT 3028

**536050**  
**536050-300** Dimmable Dali  
**536050-310** Dimmable 1-10  
 White 3000K  
 lm LED 5016 ≠ lm OUTPUT 3256

**536049**  
**536049-300** Dimmable Dali  
**536049-310** Dimmable 1-10  
 White 4000K  
 lm LED 5143 ≠ lm OUTPUT 3338



m	lux	
	Max	Med
1.00	6531	3984
2.00	1633	996
3.00	726	443
4.00	408	249
5.00	261	159

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$

@ 4000K

IP66

### Leila225 - Stainless Steel Frame - Asymmetric Optic 12° - 40°

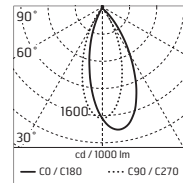
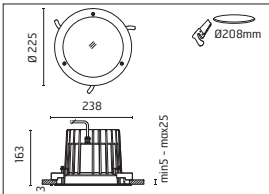
Light Source: CoB LED / 38W / Total power 43W / CRI>80 / 220±240V / Kit with remote electronic power supply included



**536152**  
**536152-300** Dimmable Dali  
**536152-310** Dimmable 1-10  
 White 2700K  
 lm LED 4665 ≠ lm OUTPUT 2990

**536052**  
**536052-300** Dimmable Dali  
**536052-310** Dimmable 1-10  
 White 3000K  
 lm LED 5016 ≠ lm OUTPUT 3215

**536051**  
**536051-300** Dimmable Dali  
**536051-310** Dimmable 1-10  
 White 4000K  
 lm LED 5143 ≠ lm OUTPUT 3297



m	lux	
	Max	Med
1.00	5899	3353
2.00	1475	838
3.00	655	373
4.00	369	210
5.00	236	134

$\alpha = 20.0^\circ + 20.0^\circ$        $\beta = 20.0^\circ + 20.0^\circ$

@ 4000K

IP66

### Leila225 - Painted Frame - 45°

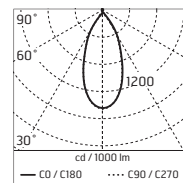
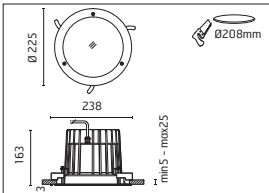
Light Source: CoB LED / 38W / Total power 43W / CRI>80 / 220±240V / Kit with remote electronic power supply included



**536156**  
**536156-300** Dimmable Dali  
**536156-310** Dimmable 1-10  
 White 2700K  
 lm LED 4665 ≠ lm OUTPUT 3076

**536056**  
**536056-300** Dimmable Dali  
**536056-310** Dimmable 1-10  
 White 3000K  
 lm LED 5016 ≠ lm OUTPUT 3308

**536055**  
**536055-300** Dimmable Dali  
**536055-310** Dimmable 1-10  
 White 4000K  
 lm LED 5143 ≠ lm OUTPUT 3392



m	lux	
	Max	Med
1.00	4851	2776
2.00	1213	694
3.00	539	308
4.00	303	174
5.00	194	111

$\alpha = 22.0^\circ + 22.0^\circ$        $\beta = 22.0^\circ + 22.0^\circ$

@ 4000K

IP66

### Leila225 - Painted Frame - Asymmetric Optic 12° - 20°

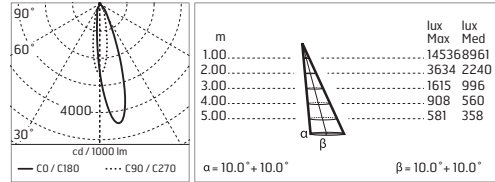
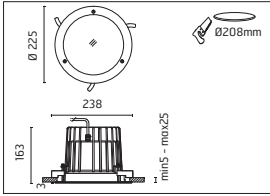
Light Source: CoB LED / 38W / Total power 43W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536158**  
**536158-300** Dimmable Dali  
**536158-310** Dimmable 1-10  
 White 2700K  
 lm LED 4665 ≠ lm OUTPUT 3028

**536058**  
**536058-300** Dimmable Dali  
**536058-310** Dimmable 1-10  
 White 3000K  
 lm LED 5016 ≠ lm OUTPUT 3256

**536057**  
**536057-300** Dimmable Dali  
**536057-310** Dimmable 1-10  
 White 4000K  
 lm LED 5143 ≠ lm OUTPUT 3338



IP66

### Leila225 - Painted Frame - Asymmetric Optic 12° - 40°

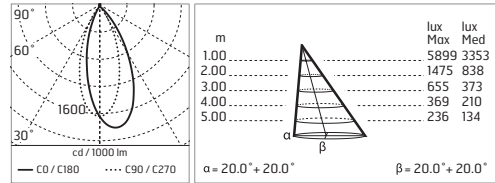
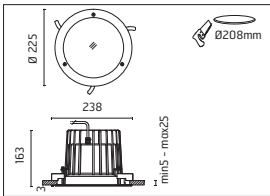
Light Source: CoB LED / 38W / Total power 43W / CRI>80 / 220÷240V / Kit with remote electronic power supply included



**536160**  
**536160-300** Dimmable Dali  
**536160-310** Dimmable 1-10  
 White 2700K  
 lm LED 4665 ≠ lm OUTPUT 2990

**536060**  
**536060-300** Dimmable Dali  
**536060-310** Dimmable 1-10  
 White 3000K  
 lm LED 5143 ≠ lm OUTPUT 3292

**536059**  
**536059-300** Dimmable Dali  
**536059-310** Dimmable 1-10  
 White 4000K  
 lm LED 5143 ≠ lm OUTPUT 3292



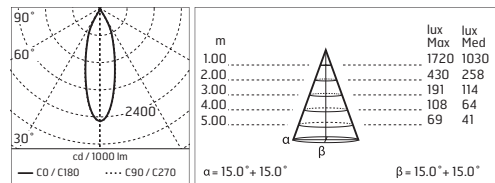
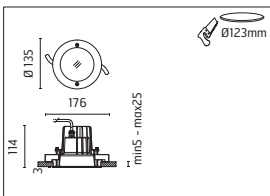
IP66

### Leila135 - Stainless Steel Frame - 30° - Direct 230V

Light Source: CoB LED / 10W / Total power 12W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains



**536061**  
 White 3000K  
 lm LED 951 ≠ lm OUTPUT 687



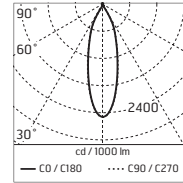
IP66

**Leila135 - Painted Frame - 30° - Direct 230V**

Light Source: CoB LED / 10W / Total power 12W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

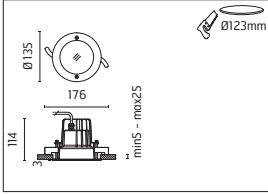


**536062**  
White 3000K  
lm LED 951  $\approx$  lm OUTPUT 687



m	lux	
	Max	Med
1.00	1720	1030
2.00	430	258
3.00	191	114
4.00	108	64
5.00	69	41

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$



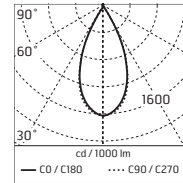
IP66

**Leila165 - Stainless Steel Frame - 50° - Direct 230V**

Light Source: CoB LED / 22W / Total power 24W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

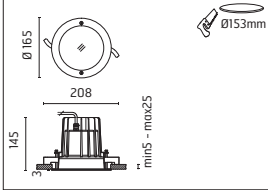


**536063**  
White 3000K  
lm LED 2303  $\approx$  lm OUTPUT 1646



m	lux	
	Max	Med
1.00	2680	1527
2.00	670	382
3.00	298	170
4.00	167	95
5.00	107	61

$\alpha = 24.0^\circ + 24.0^\circ$        $\beta = 24.0^\circ + 24.0^\circ$



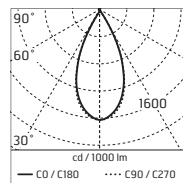
IP66

**Leila165 - Painted Frame - 50° - Direct 230V**

Light Source: CoB LED / 22W / Total power 24W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

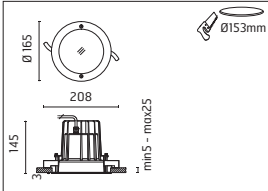


**536064**  
White 3000K  
lm LED 2303  $\approx$  lm OUTPUT 1646



m	lux	
	Max	Med
1.00	2680	1527
2.00	670	382
3.00	298	170
4.00	167	95
5.00	107	61

$\alpha = 24.0^\circ + 24.0^\circ$        $\beta = 24.0^\circ + 24.0^\circ$

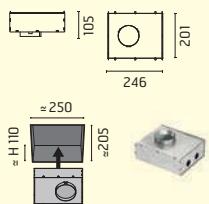


IP66

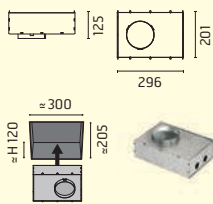


**Accessories: Leila**

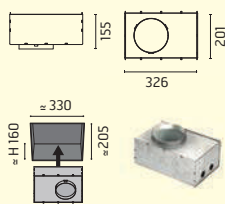
**196**  
METAL INSTALLATION BOX FOR  
CONCRETE CEILING 246 x 201 H  
105mm



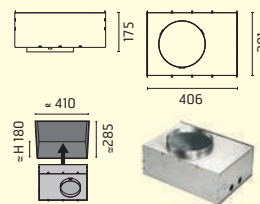
**197**  
METAL INSTALLATION BOX FOR  
CONCRETE CEILING 296 x 201 H  
125mm



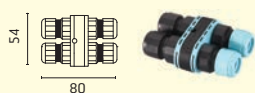
**198**  
METAL INSTALLATION BOX FOR  
CONCRETE CEILING 326 x 201 H  
155mm



**199**  
METAL INSTALLATION BOX FOR  
CONCRETE CEILING 406 x 281 H  
175mm



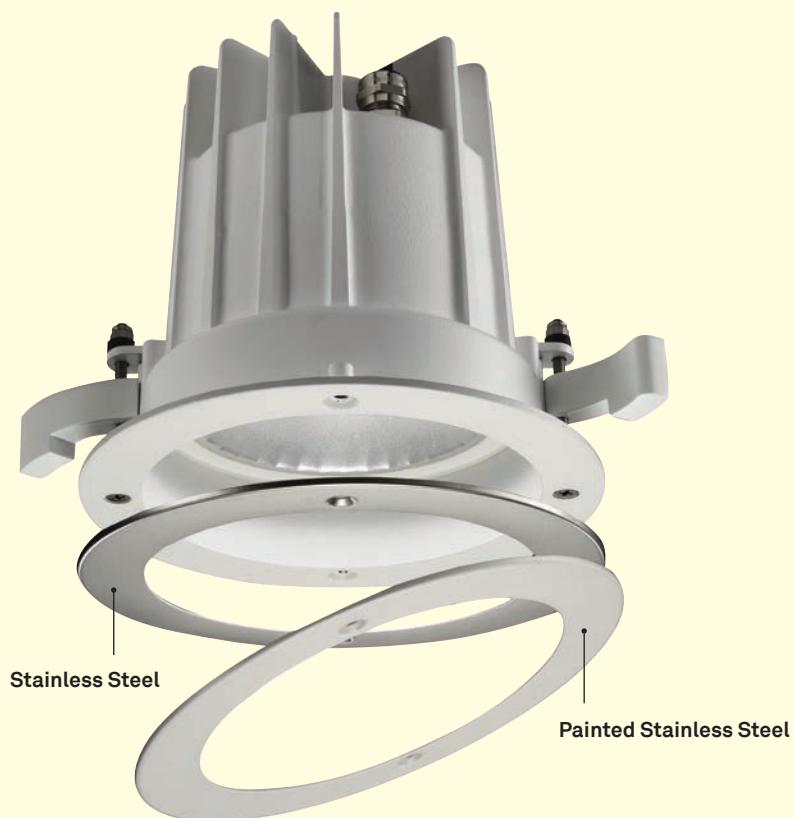
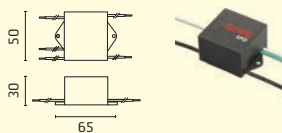
**215**  
3/4 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)



**236**  
2 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNEC-  
TION - IP66



Accessories: Leila

acc. code ▶ prod. code ▼	dimmi DALI	dimmi 1-10	196	197	198	199	215	236	237
536002			•				•	•	•
536003			•				•	•	•
536005			•				•	•	•
536006			•				•	•	•
536008			•				•	•	•
536009			•				•	•	•
536011			•				•	•	•
536012			•				•	•	•
536013	-300	-310		•			•	•	•
536014	-300	-310		•			•	•	•
536015	-300	-310		•			•	•	•
536016	-300	-310		•			•	•	•
536017	-300	-310		•			•	•	•
536018	-300	-310		•			•	•	•
536019	-300	-310		•			•	•	•
536020	-300	-310		•			•	•	•
536021	-300	-310		•			•	•	•
536022	-300	-310		•			•	•	•
536023	-300	-310		•			•	•	•
536024	-300	-310		•			•	•	•
536025	-300	-310		•			•	•	•
536026	-300	-310		•			•	•	•
536027	-300	-310		•			•	•	•
536028	-300	-310		•			•	•	•
536029	-300	-310			•		•	•	•
536030	-300	-310			•		•	•	•
536031	-300	-310			•		•	•	•
536032	-300	-310			•		•	•	•
536033	-300	-310			•		•	•	•
536034	-300	-310			•		•	•	•
536035	-300	-310			•		•	•	•
536036	-300	-310			•		•	•	•
536037	-300	-310			•		•	•	•
536038	-300	-310			•		•	•	•
536039	-300	-310			•		•	•	•
536040	-300	-310			•		•	•	•
536041	-300	-310			•		•	•	•
536042	-300	-310			•		•	•	•
536043	-300	-310			•		•	•	•
536044	-300	-310			•		•	•	•
536047	-300	-310				•	•	•	•

acc. code ▶ prod. code ▼	dimmi DALI	dimmi 1-10	196	197	198	199	215	236	237
536048	-300	-310					•	•	•
536049	-300	-310					•	•	•
536050	-300	-310					•	•	•
536051	-300	-310					•	•	•
536052	-300	-310					•	•	•
536055	-300	-310					•	•	•
536056	-300	-310					•	•	•
536057	-300	-310					•	•	•
536058	-300	-310					•	•	•
536059	-300	-310					•	•	•
536060	-300	-310					•	•	•
536061				•			•	•	•
536062				•			•	•	•
536063					•		•	•	•
536064					•		•	•	•
536103				•			•	•	•
536106				•			•	•	•
536109				•			•	•	•
536112				•			•	•	•
536114	-300	-310		•			•	•	•
536116	-300	-310		•			•	•	•
536118	-300	-310		•			•	•	•
536120	-300	-310		•			•	•	•
536122	-300	-310		•			•	•	•
536124	-300	-310		•			•	•	•
536126	-300	-310		•			•	•	•
536128	-300	-310		•			•	•	•
536130	-300	-310			•		•	•	•
536132	-300	-310			•		•	•	•
536134	-300	-310			•		•	•	•
536136	-300	-310			•		•	•	•
536138	-300	-310			•		•	•	•
536140	-300	-310			•		•	•	•
536142	-300	-310			•		•	•	•
536144	-300	-310			•		•	•	•
536148	-300	-310				•	•	•	•
536150	-300	-310				•	•	•	•
536152	-300	-310				•	•	•	•
536156	-300	-310				•	•	•	•
536158	-300	-310				•	•	•	•
536160	-300	-310				•	•	•	•



- Square luminaire for installation in the ceiling – recessed.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: transparent or sandblasted fixed to the frame through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I, low voltage: III, LED module: I,II
- Installation: Ara GZ10/GU5,3 125x125: pre-wired with approx. 250mm cable. Ara LED 125x125: prewired with approx. 1000mm cable. Ara LED 250x250: equipped with two M16 plastic cable glands. The luminaire is ready for installation on false-ceiling (up to 30mm thick surfaces). Installation on solid ceiling requires a dedicated metal box to be ordered separately. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland / connector.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Recessed ceiling fitting.



Ara LED 250x250mm  
The fitting is equipped with 2 cable input.



Remote device required



Ara GZ10/GU5,3 125x125mm  
Pre-wired with approx 250mm of cable

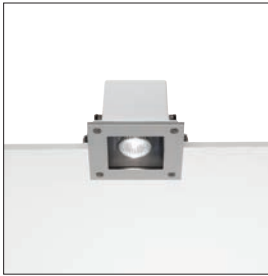


Protection against impact.  
IK 06 - 1,00 joule

Ara LED 125x125mm  
Pre-wired with approx 1000mm of cable



## Ara 125x125 mm - Transparent Glass - Adjustable Optic

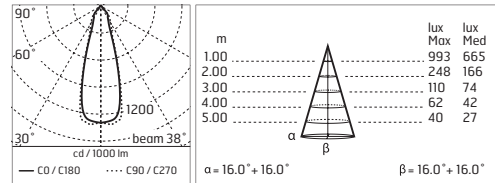
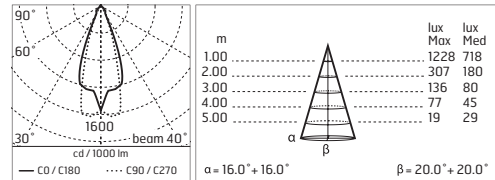
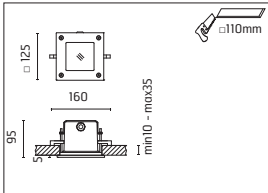


**1032823**  
QPAR CBC 51 50W/230V GZ10  
Lamp max size: Ø50 mm H.55 mm



**1033323**  
QR CBC 51 50W/12V GU5,3  
Lamp max size: Ø50 mm H.45 mm

Remote transformer to be ordered



IP65

## Ara 125x125 mm - Sandblasted Glass - Adjustable Optic

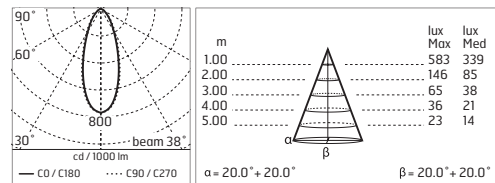
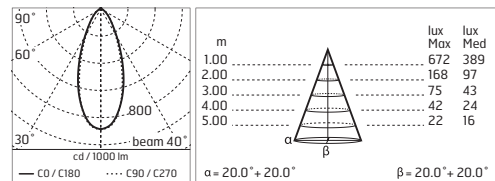
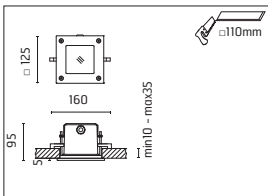


**10328134**  
QPAR CBC 51 50W/230V GZ10  
Lamp max size: Ø50 mm H.55 mm



**10333134**  
QR CBC 51 50W/12V GU5,3  
Lamp max size: Ø50 mm H.45 mm

Remote transformer to be ordered



IP65

## Ara 125x125 mm - Transparent Glass - 15°

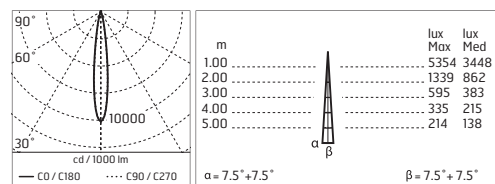
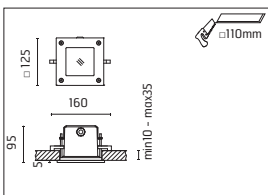
Light Source: Power LED / 4,4W / Total power 6W / CRI>80 / 100÷240V / Integral electronic power supply



**1039242.A**  
White 2700K  
lm LED 521 ≈ lm OUTPUT 455

**1039212.A**  
White 3000K  
lm LED 560 ≈ lm OUTPUT 489

**10321712.A**  
White 4000K  
lm LED 580 ≈ lm OUTPUT 523



@ 4000K

IP65

### Ara 125x125mm - Transparent Glass - 50°

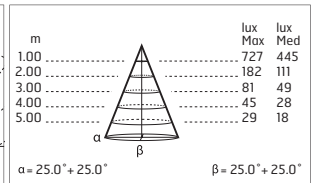
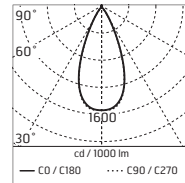
Light Source: Power LED / 4,4W / Total power 6W / CRI>80 / 100÷240V / Integral electronic power supply



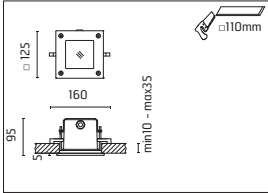
**1039243.A**  
White 2700K  
lm LED 521 ≈ lm OUTPUT 410

**1039223.A**  
White 3000K  
lm LED 560 ≈ lm OUTPUT 441

**10321723.A**  
White 4000K  
lm LED 580 ≈ lm OUTPUT 472



@ 4000K



IP65

### Ara 125x125mm - Sandblasted Glass

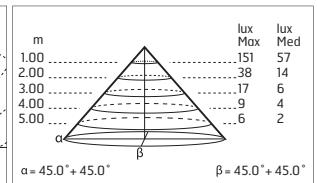
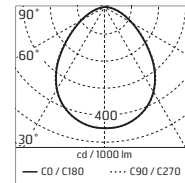
Light Source: Power LED / 4,4W / Total power 6W / CRI>80 / 100÷240V / Integral electronic power supply



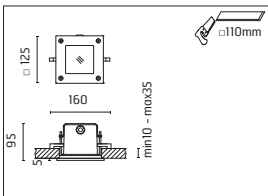
**10392144.A**  
White 2700K  
lm LED 521 ≈ lm OUTPUT 288

**10392134.A**  
White 3000K  
lm LED 560 ≈ lm OUTPUT 310

**103217134.A**  
White 4000K  
lm LED 580 ≈ lm OUTPUT 332



@ 4000K



IP65

### Ara 250x250 mm - All Light - Transparent Glass - 15°

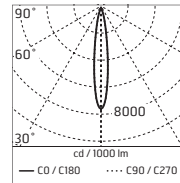
Light Source: Power LED / 17W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



**10310142.A**  
White 2700K  
lm LED 2082 ≈ lm OUTPUT 1731

**10310112.A**  
White 3000K  
lm LED 2239 ≈ lm OUTPUT 1861

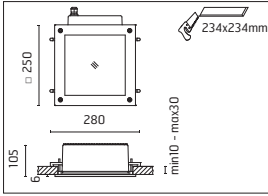
**10322412.A**  
White 4000K  
lm LED 2319 ≈ lm OUTPUT 1927



m	lux	
	Max	Med
1.00	14621	9258
2.00	3655	2315
3.00	1625	1029
4.00	914	579
5.00	585	370

α = 7.5° + 7.5°      β = 7.5° + 7.5°

@ 4000K



Dimmable on request

IP65

### Ara 250x250 mm - All Light - Transparent Glass - 45°

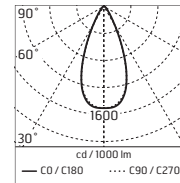
Light Source: Power LED / 17W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



**10310143.A**  
White 2700K  
lm LED 2082 ≈ lm OUTPUT 1649

**10310123.A**  
White 3000K  
lm LED 2239 ≈ lm OUTPUT 1773

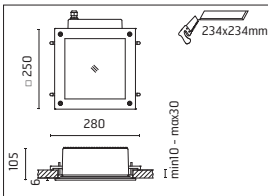
**10322423.A**  
White 4000K  
lm LED 2319 ≈ lm OUTPUT 1836



m	lux	
	Max	Med
1.00	2828	1733
2.00	707	433
3.00	314	193
4.00	177	108
5.00	113	69

α = 22.5° + 22.5°      β = 22.5° + 22.5°

@ 4000K



Dimmable on request

IP65

### Ara 250x250 mm - All Light - Sandblasted Glass

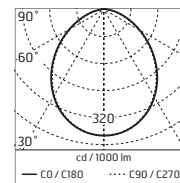
Light Source: Power LED / 17W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



**103101145.A**  
White 2700K  
lm LED 2082 ≈ lm OUTPUT 1415

**103101135.A**  
White 3000K  
lm LED 2239 ≈ lm OUTPUT 1522

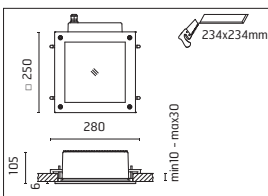
**103224135.A**  
White 4000K  
lm LED 2319 ≈ lm OUTPUT 1577



m	lux	
	Max	Med
1.00	600	168
2.00	150	42
3.00	67	19
4.00	37	11
5.00	24	7

α = 53.0° + 53.0°      β = 53.0° + 53.0°

@ 4000K

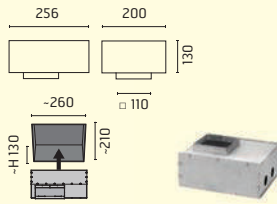


Dimmable on request

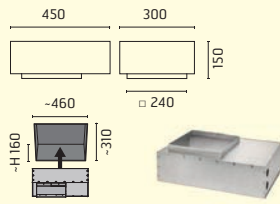
IP65

**Accessories: Ara**

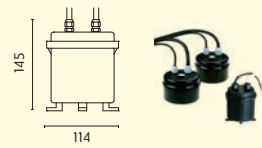
**107**  
METAL BOX FOR INSTALLATION  
IN CONCRETE CEILING 256x200xH130mm



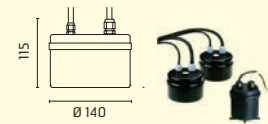
**108**  
METAL BOX FOR INSTALLATION  
IN CONCRETE CEILING 450x300xH150mm



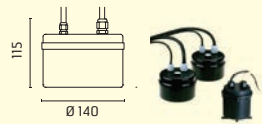
**16**  
TRANSFORMER 50W  
230V/12V 50Hz IP 66



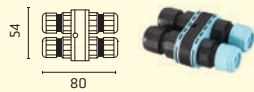
**17**  
TRANSFORMER 200W  
230V/12V 50Hz IP 66



**18**  
TRANSFORMER 300W  
230V/12V 50Hz IP 66



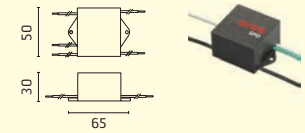
**215**  
3/4 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)



**236**  
2 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT 10KA  
(8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION -  
IP66



acc. code ▶	107	108	16	17	18	215	236	237
1032823	•					•	•	
1033323	•		•	•	•	•	•	
1039242.A	•					•	•	•
1039243.A	•					•	•	•
10310142.A		•				•	•	•
10310143.A		•				•	•	•
10328134	•					•	•	
10333134	•		•	•	•	•	•	
10392144.A	•					•	•	•
103101145.A		•				•	•	•
10310112.A		•				•	•	•
103101135.A		•				•	•	•
10310123.A		•				•	•	•
10321712.A	•					•	•	•
103217134.A	•					•	•	•
10321723.A	•					•	•	•
10322412.A		•				•	•	•
103224135.A		•				•	•	•
10322423.A		•				•	•	•
1039212.A	•					•	•	•
10392134.A	•					•	•	•
1039223.A	•					•	•	•



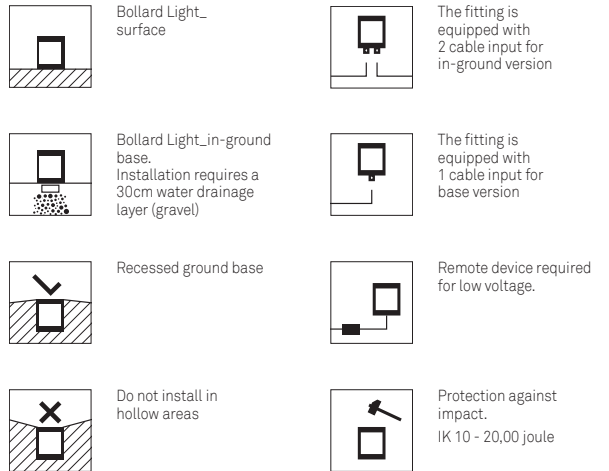


- Bollard light.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Extruded aluminium stem. Plastic diffuser: sandblasted
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65 (with base) or IP67 (in-ground)
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low voltage: III
- Installation: version with base: wiring through one M16 cable gland. Direct fixation with bolts to a concrete surface or through a dedicated fixing plate (to be ordered separately) in a concrete basement; version in-ground: wiring through two M16 cable glands. For a better stability, we recommend to concrete the root of the pole. Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

**A++**  
**A+**  
**A**

**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



### Vincenza H. 450 mm - With Base - 360° Symmetric Emission

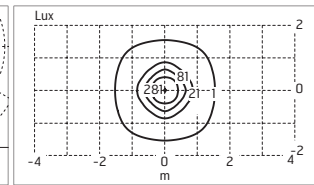
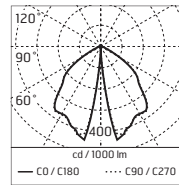
Light Source: Power LED / 6,4W / Total power 8,5W / CRI>80 / 220÷240V / Integral electronic power supply



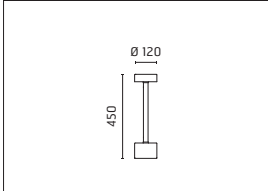
**10814092**  
White 2700K  
lm LED 670 ≈ lm OUTPUT 326

**10813092**  
White 3000K  
lm LED 720 ≈ lm OUTPUT 351

**10819592**  
White 4000K  
lm LED 780 ≈ lm OUTPUT 380



@ 4000K



IP65

### Vincenza H. 450 mm - With Base - 180° Asymmetric Emission

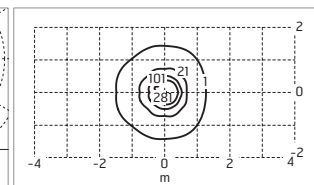
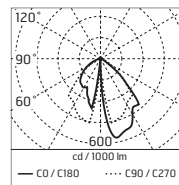
Light Source: Power LED / 6,4W / Total power 8,5W / CRI>80 / 220÷240V / Integral electronic power supply



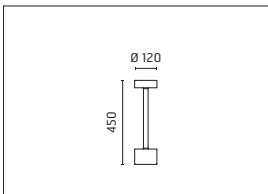
**10814093**  
White 2700K  
lm LED 670 ≈ lm OUTPUT 326

**10813093**  
White 3000K  
lm LED 720 ≈ lm OUTPUT 351

**10819593**  
White 4000K  
lm LED 780 ≈ lm OUTPUT 380



@ 4000K



IP65

**Vincenza H. 800 mm - With Base - 360° Symmetric Emission**

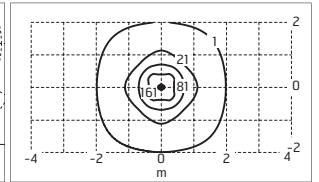
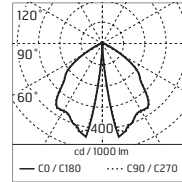
Light Source: Power LED / 6,4W / Total power 8,5W / CRI>80 / 220÷240V / Integral electronic power supply



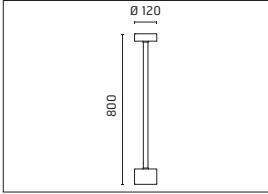
**10814094**  
White 2700K  
lm LED 670 ≈ lm OUTPUT 326

**10813094**  
White 3000K  
lm LED 720 ≈ lm OUTPUT 351

**10819594**  
White 4000K  
lm LED 780 ≈ lm OUTPUT 380



@ 4000K



IP65

**Vincenza H. 800 mm - With Base - 180° Asymmetric Emission**

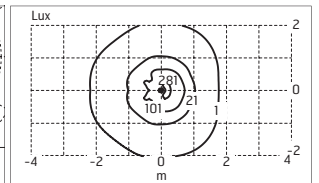
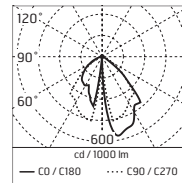
Light Source: Power LED / 6,4W / Total power 8,5W / CRI>80 / 220÷240V / Integral electronic power supply



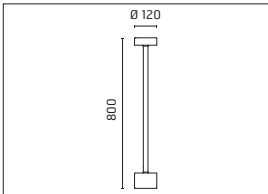
**10814095**  
White 2700K  
lm LED 670 ≈ lm OUTPUT 326

**10813095**  
White 3000K  
lm LED 720 ≈ lm OUTPUT 351

**10819595**  
White 4000K  
lm LED 780 ≈ lm OUTPUT 380



@ 4000K



IP65



### Vincenza H. 200 mm - In-Ground Base - 360° Symmetric Emission

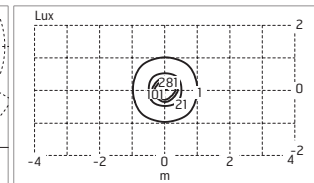
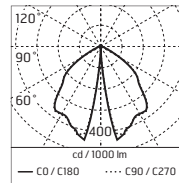
Light Source: Power LED / 6,4W / Total power 7,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



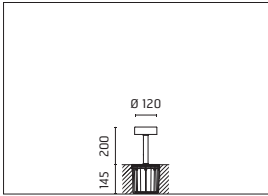
**10814396**  
White 2700K  
lm LED 670 ≈ lm OUTPUT 326

**10813396**  
White 3000K  
lm LED 720 ≈ lm OUTPUT 351

**10819696**  
White 4000K  
lm LED 780 ≈ lm OUTPUT 380



@ 4000K



IP67

### Vincenza H. 370 mm - In-Ground Base - 360° Symmetric Emission

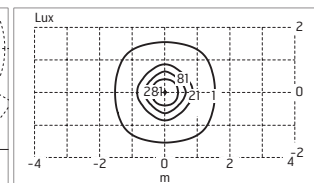
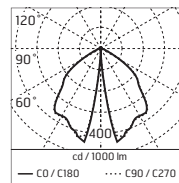
Light Source: Power LED / 6,4W / Total power 7,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



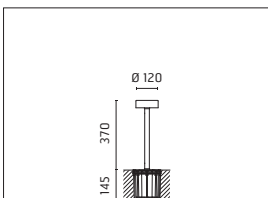
**10814397**  
White 2700K  
lm LED 670 ≈ lm OUTPUT 326

**10813397**  
White 3000K  
lm LED 720 ≈ lm OUTPUT 351

**10819697**  
White 4000K  
lm LED 780 ≈ lm OUTPUT 380



@ 4000K



IP67

### Vincenza H. 370 mm - In-Ground Base - 180° Asymmetric Emission

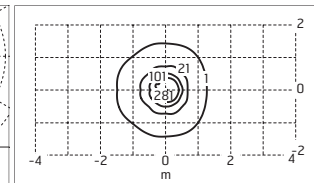
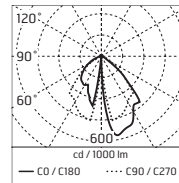
Light Source: Power LED / 6,4W / Total power 7,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



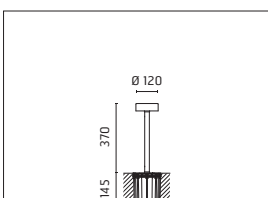
**10814398**  
White 2700K  
lm LED 670 ≈ lm OUTPUT 326

**10813398**  
White 3000K  
lm LED 720 ≈ lm OUTPUT 351

**10819698**  
White 4000K  
lm LED 780 ≈ lm OUTPUT 380



@ 4000K



IP67

### Vincenza H. 720 mm - In-Ground Base - 360° Symmetric Emission

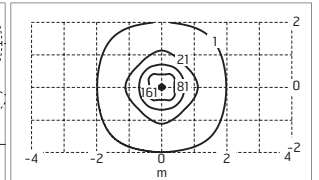
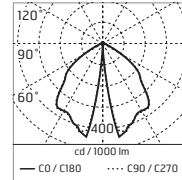
Light Source: Power LED / 6,4W / Total power 7,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



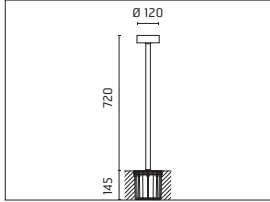
**10814399**  
White 2700K  
lm LED 670 ≈ lm OUTPUT 326

**10813399**  
White 3000K  
lm LED 720 ≈ lm OUTPUT 351

**10819699**  
White 4000K  
lm LED 780 ≈ lm OUTPUT 380



@ 4000K



IP67

### Vincenza H. 720 mm - In-Ground Base - 180° Asymmetric Emission

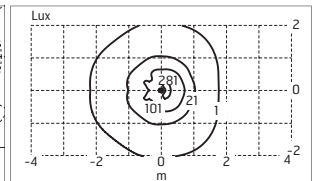
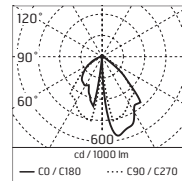
Light Source: Power LED / 6,4W / Total power 7,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



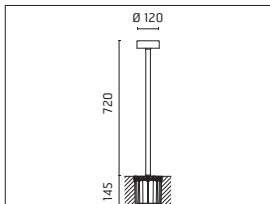
**10814334**  
White 2700K  
lm LED 670 ≈ lm OUTPUT 326

**10813334**  
White 3000K  
lm LED 720 ≈ lm OUTPUT 351

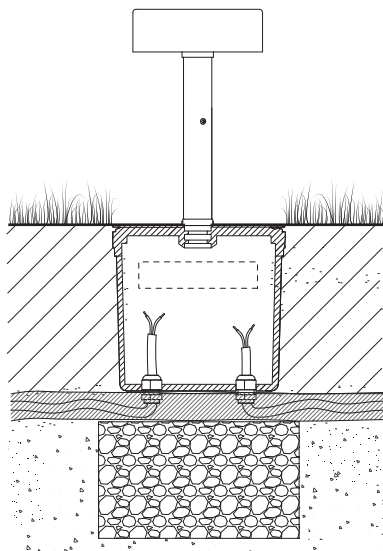
**10819634**  
White 4000K  
lm LED 780 ≈ lm OUTPUT 380



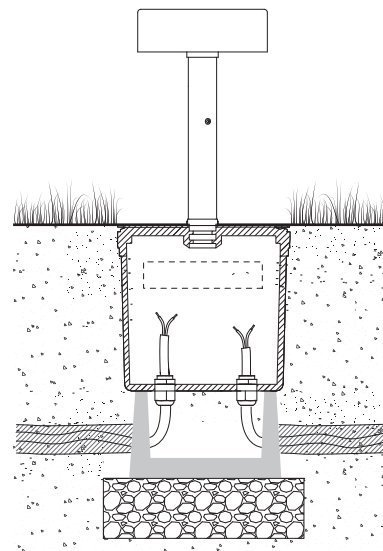
@ 4000K



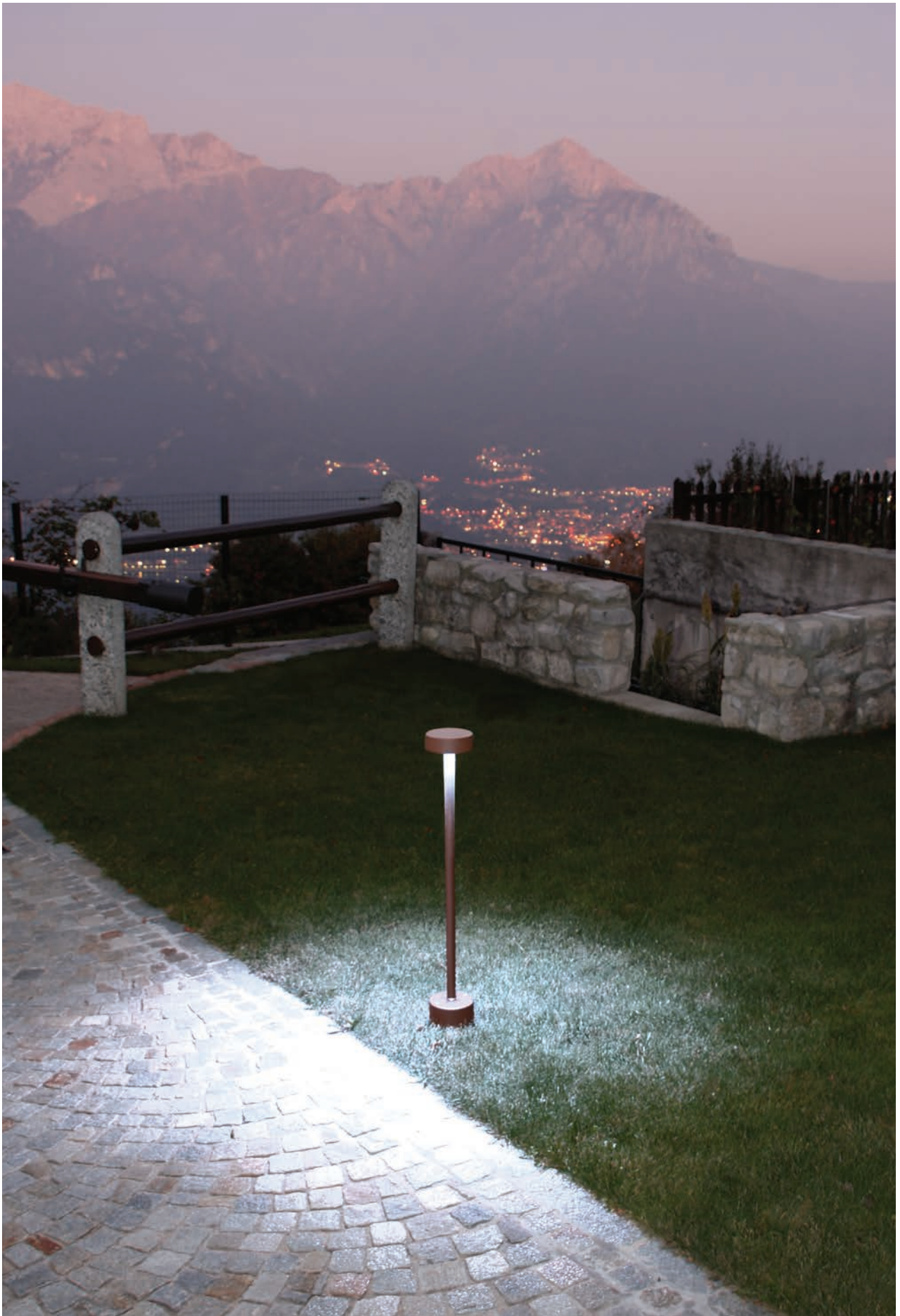
IP67



Cable gland mounted from the inside

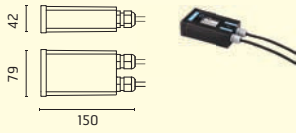


Cable gland mounted from the outside

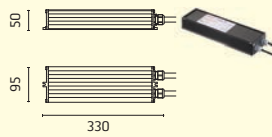


**Accessories:Vincenza**

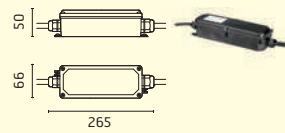
**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc  
IP67 CLASS II SELV.



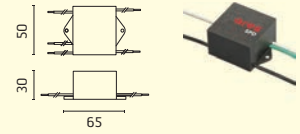
**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc  
IP67 CLASS II SELV.



**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc  
IP67 CLASS II SELV EQ.

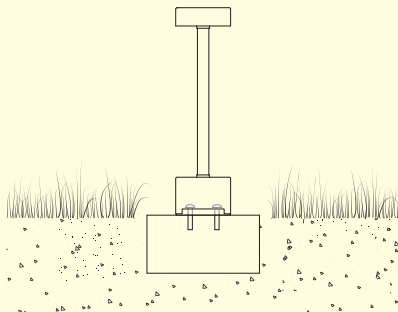


**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT 10KA  
(8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION -  
IP66

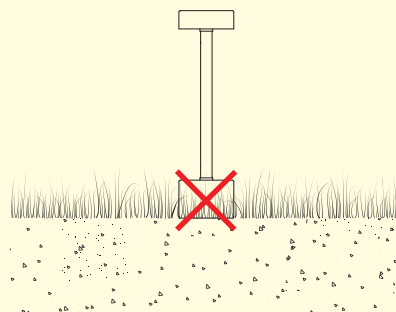


acc. code ▶	175	155	110	237
prod. code ▼				
10813092				•
10813093				•
10813094				•
10813095				•
10813334	1	4	7	
10813396	1	4	7	
10813397	1	4	7	
10813398	1	4	7	
10813399	1	4	7	
10814092				•
10814093				•
10814094				•
10814095				•
10814334	1	4	7	
10814396	1	4	7	
10814397	1	4	7	
10814398	1	4	7	
10814399	1	4	7	
10819592				•
10819593				•
10819594				•
10819595				•
10819634	1	4	7	
10819696	1	4	7	
10819697	1	4	7	
10819698	1	4	7	
10819699	1	4	7	

**Correct Fixing Method**  
Bollard fixed on plint +  
suitable installation screws



**Incorrect Fixing Method**  
Do not fix the bollard directly on the ground



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.





- Cylindrical bollard light.
- Configuration: die-cast aluminium cap, EN AB-47100 alloy (low copper content) and extruded aluminium pole. Polycarbonate diffuser: Transparent and UV-stabilised.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: II
- Installation: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables for an easy to make connection. We recommend installation on a concrete basement or surface, directly with bolts or through a dedicated fixing plate (to be ordered separately). Outdoor use requires suitable flexible cables.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Bollard Light

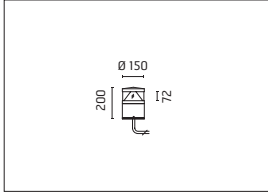


Wall fitting

Pre-wired with approx  
100mm of cableProtection against  
impact.  
IK 10 - 20,00 joule

### Zefiro - H.200mm - 360° Emission

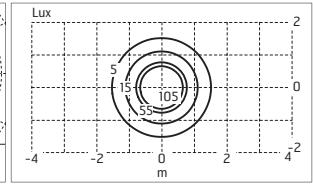
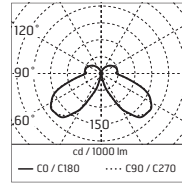
Light Source: Mid-Power LED / 14W / Total power 17W / CRI>80 / 220÷240V / Integral electronic power supply



**532014**  
**532014-300** Dimmable Dali  
**532014-310** Dimmable 1-10  
 White 2700K  
 lm LED 1716 ≠ lm OUTPUT 1357

**532003**  
**532003-300** Dimmable Dali  
**532003-310** Dimmable 1-10  
 White 3000K  
 lm LED 1845 ≠ lm OUTPUT 1423

**532002**  
**532002-300** Dimmable Dali  
**532002-310** Dimmable 1-10  
 White 4000K  
 lm LED 1937 ≠ lm OUTPUT 1494

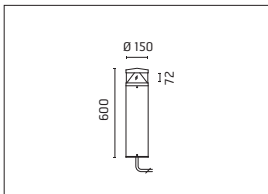


@4000K

IP65

### Zefiro - H.600mm - 360° Emission

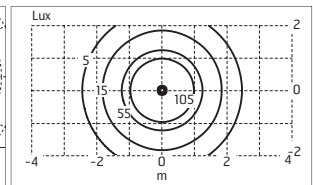
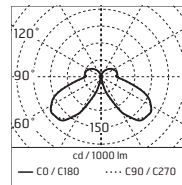
Light Source: Mid-Power LED / 14W / Total power 17W / CRI>80 / 220÷240V / Integral electronic power supply



**532017**  
**532017-300** Dimmable Dali  
**532017-310** Dimmable 1-10  
 White 2700K  
 lm LED 1716 ≠ lm OUTPUT 1357

**532006**  
**532006-300** Dimmable Dali  
**532006-310** Dimmable 1-10  
 White 3000K  
 lm LED 1845 ≠ lm OUTPUT 1423

**532005**  
**532005-300** Dimmable Dali  
**532005-310** Dimmable 1-10  
 White 4000K  
 lm LED 1937 ≠ lm OUTPUT 1494



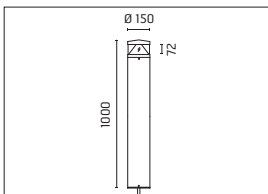
@4000K

Mid-Night version on request

IP65

### Zefiro - H.1000mm - 360° Emission

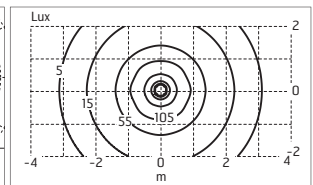
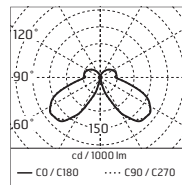
Light Source: Mid-Power LED / 14W / Total power 17W / CRI>80 / 220÷240V / Integral electronic power supply



**532020**  
**532020-300** Dimmable Dali  
**532020-310** Dimmable 1-10  
 White 2700K  
 lm LED 1716 ≠ lm OUTPUT 1357

**532009**  
**532009-300** Dimmable Dali  
**532009-310** Dimmable 1-10  
 White 3000K  
 lm LED 1845 ≠ lm OUTPUT 1423

**532008**  
**532008-300** Dimmable Dali  
**532008-310** Dimmable 1-10  
 White 4000K  
 lm LED 1937 ≠ lm OUTPUT 1494



@4000K

Mid-Night version on request

IP65



### Zefiro - H.200mm - 180° Emission

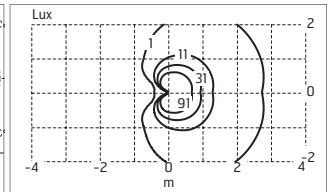
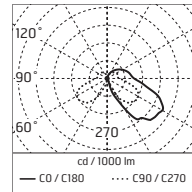
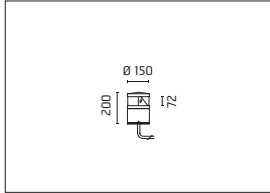
Light Source: Mid-Power LED / 14W / Total power 17W / CRI>80 / 220÷240V / Integral electronic power supply



**532024**  
**532024-300** Dimmable Dali  
**532024-310** Dimmable 1-10  
 White 2700K  
 lm LED 1716 ≠ lm OUTPUT 725

**532023**  
**532023-300** Dimmable Dali  
**532023-310** Dimmable 1-10  
 White 3000K  
 lm LED 1845 ≠ lm OUTPUT 774

**532022**  
**532022-300** Dimmable Dali  
**532022-310** Dimmable 1-10  
 White 4000K  
 lm LED 1937 ≠ lm OUTPUT 813



@4000K

IP65

### Zefiro - H.600mm - 180° Emission

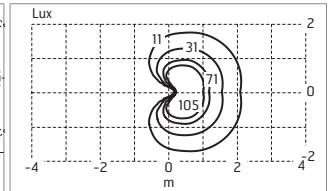
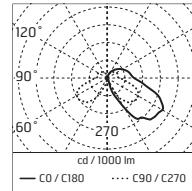
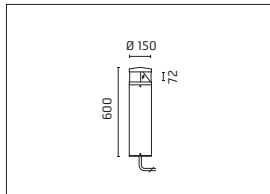
Light Source: Mid-Power LED / 14W / Total power 17W / CRI>80 / 220÷240V / Integral electronic power supply



**532027**  
**532027-300** Dimmable Dali  
**532027-310** Dimmable 1-10  
 White 2700K  
 lm LED 1716 ≠ lm OUTPUT 725

**532026**  
**532026-300** Dimmable Dali  
**532026-310** Dimmable 1-10  
 White 3000K  
 lm LED 1845 ≠ lm OUTPUT 774

**532025**  
**532025-300** Dimmable Dali  
**532025-310** Dimmable 1-10  
 White 4000K  
 lm LED 1937 ≠ lm OUTPUT 813



@4000K

Mid-Night version on request

IP65

### Zefiro - H1000mm - 180° Emission

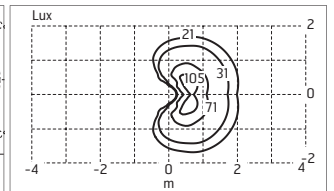
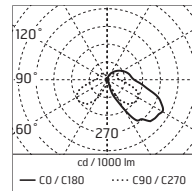
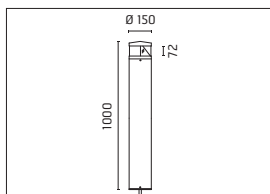
Light Source: Mid-Power LED / 14W / Total power 17W / CRI>80 / 220÷240V / Integral electronic power supply



**532030**  
**532030-300** Dimmable Dali  
**532030-310** Dimmable 1-10  
 White 2700K  
 lm LED 1716 ≠ lm OUTPUT 725

**532029**  
**532029-300** Dimmable Dali  
**532029-310** Dimmable 1-10  
 White 3000K  
 lm LED 1845 ≠ lm OUTPUT 774

**532028**  
**532028-300** Dimmable Dali  
**532028-310** Dimmable 1-10  
 White 4000K  
 lm LED 1937 ≠ lm OUTPUT 813



@4000K

Mid-Night version on request

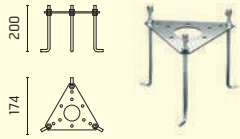
IP65



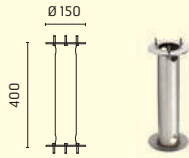


**Accessories: Zefiro**

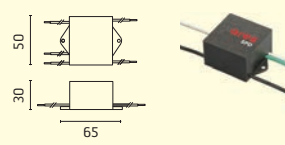
**21**  
BASE PLATE AND FIXING BOLTS  
174 x H 200mm



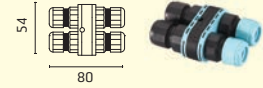
**185.A**  
HIGH RESISTANCE IN-GROUND  
FIXING BASE



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT 10kA  
(8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION  
- IP66

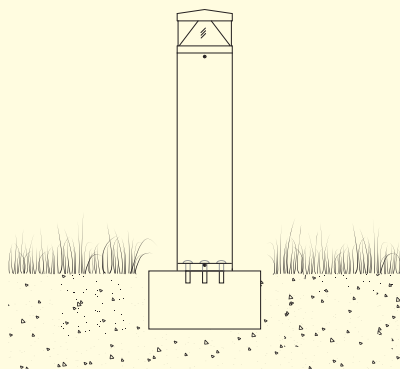


**215**  
3/4 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)

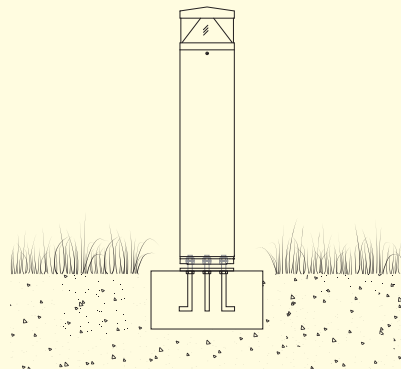


acc. code ▶	dimmi DALI	dimmi 1-10	21	185.A	237	215
532002	-300	-310	•	•	•	•
532003	-300	-310	•	•	•	•
532005	-300	-310	•	•	•	•
532006	-300	-310	•	•	•	•
532008	-300	-310	•	•	•	•
532009	-300	-310	•	•	•	•
532014	-300	-310	•	•	•	•
532017	-300	-310	•	•	•	•
532020	-300	-310	•	•	•	•
532022	-300	-310	•	•	•	•
532023	-300	-310	•	•	•	•
532024	-300	-310	•	•	•	•
532025	-300	-310	•	•	•	•
532026	-300	-310	•	•	•	•
532027	-300	-310	•	•	•	•
532028	-300	-310	•	•	•	•
532029	-300	-310	•	•	•	•
532030	-300	-310	•	•	•	•

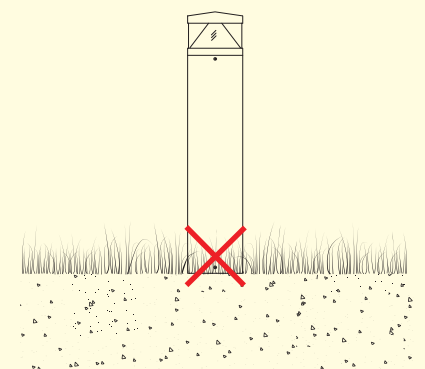
**Correct Fixing Method**  
Bollard fixed on plinth +  
suitable installation screws



**Correct Fixing Method**  
Bollard fixed on plinth + fixing bolts



**Incorrect Fixing Method**  
Do not fix the bollard directly on the ground







- Bollard light.
- Configuration: extruded aluminium structure. Polycarbonate diffuser: opal UV-stabilised.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: II
- Installation: The LED module is housed in a sealed transparent polycarbonate cylinder with compensation valve. The luminaire is equipped with a piece of cable and a wiring kit with crimp connectors and an adhesive heat-shrink tubing for a watertight electrical connection. We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately). Outdoor use requires suitable flexible cables.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Bollard light



Pre-wired with approx  
200mm of cable



Protection against  
impact.  
IK 08 - 5,00 joule



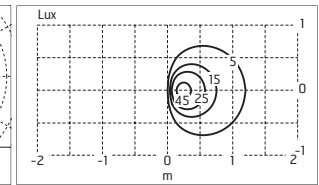
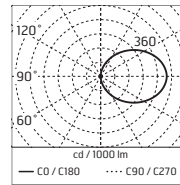
### Talia - H. 360 mm - Single Emission

Light Source: Low-Power LED / 3W / Total power 4W / CRI>80 / 220÷240V / Integral electronic power supply/

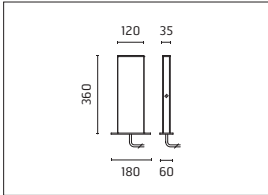


**503006**  
White 3000K  
Lm LED 216 ≠ Lm OUTPUT 73

**503011**  
White 4000K  
Lm LED 216 ≠ Lm OUTPUT 73



@4000K



IP65

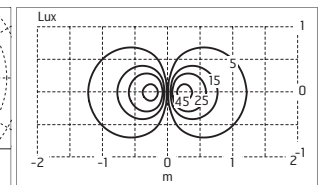
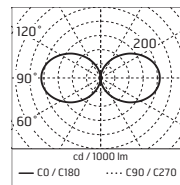
### Talia - H. 360 mm - Double Emission

Light Source: Low-Power LED / 2x(3W) / Total power 7W / CRI>80 / 220÷240V / Integral electronic power supply

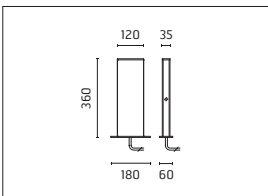


**503008**  
White 3000K  
Lm LED 2x216 ≠ Lm OUTPUT 2x73

**503012**  
White 4000K  
Lm LED 2x216 ≠ Lm OUTPUT 2x73



@4000K



IP65

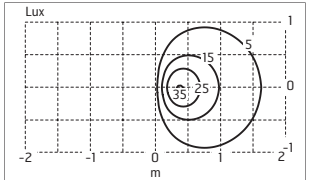
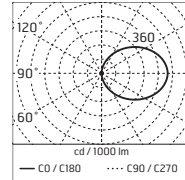
### Talia - H. 560 mm - Single Emission

Light Source: Low-Power LED / 5W / Total power 6W / CRI>80 / 220÷240V / Integral electronic power supply

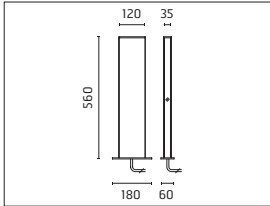


**503002**  
White 3000K  
Lm LED 360 ≈ lm OUTPUT 123

**503009**  
White 4000K  
Lm LED 360 ≈ lm OUTPUT 123



@4000K



IP65

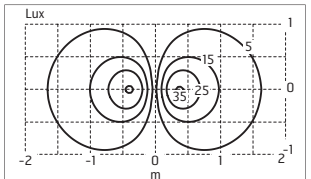
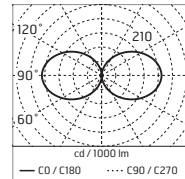
### Talia - H. 560 mm - Double Emission

Light Source: Low-Power LED / 2x(5W) / Total power 11W / CRI>80 / 220÷240V / Integral electronic power supply

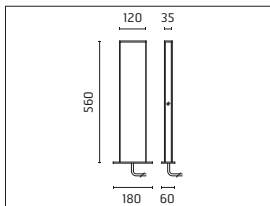


**503004**  
White 3000K  
Lm LED 2x360 ≈ lm OUTPUT 2x123

**503010**  
White 4000K  
Lm LED 2x360 ≈ lm OUTPUT 2x123



@4000K



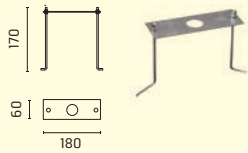
IP65



## Accessories: Talia

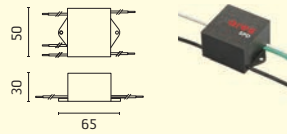
**139**

BASE PLATE AND FIXING BOLTS  
180 x 60 x H 170mm



**237**

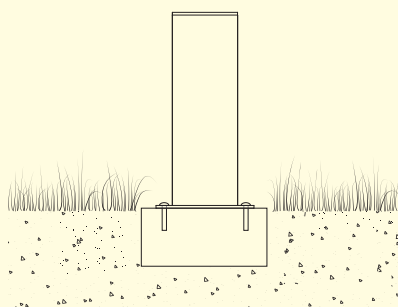
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNec-  
TION - IP66



acc. code ▶	139	237
prod. code ▼		
503002	•	•
503004	•	•
503006	•	•
503008	•	•
503009	•	•
503010	•	•
503011	•	•
503012	•	•

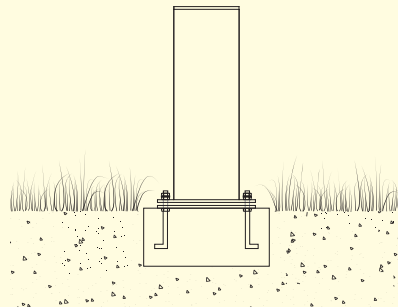
### Correct Fixing Method

Bollard fixed on plinth +  
suitable installation screws



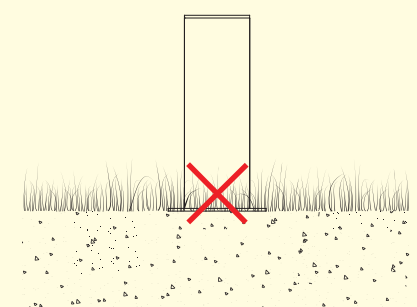
### Correct Fixing Method

Bollard fixed on plinth + fixing bolts



### Incorrect Fixing Method

Do not fix the bollard directly on the ground







- Bollard light
- Configuration: extruded aluminium structure. Polycarbonate diffuser: satin UV-stabilised.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: II
- Installation: the luminaire is equipped with a piece of cable and a wiring kit with crimp connectors and an adhesive heat-shrink tubing for a watertight electrical connection. The use of a corrugated tube ( $\varnothing$  30-50mm) allows an easier connection to the line. We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately). Outdoor use requires suitable flexible cables.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Bollard light



Pre-wired with approx  
200mm of cable



Protection against  
impact.  
IK 10 - 20,00 joule



## Sandro - H.500mm

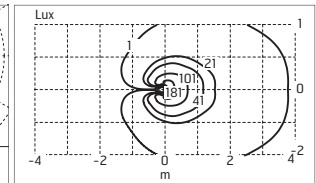
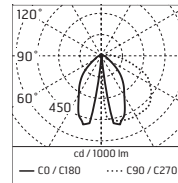
Light Source: Power LED / 5,5W / Total power 8W / CRI>80 / 100÷240V / Integral electronic power supply



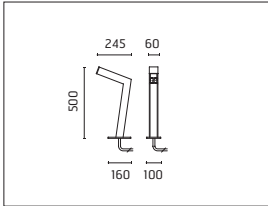
**502009**  
White 2700K  
Lm LED 558 ≠ Lm OUTPUT 299

**502006**  
White 3000K  
Lm LED 600 ≠ Lm OUTPUT 321

**502005**  
White 4000K  
Lm LED 650 ≠ Lm OUTPUT 347



@4000K



IP65

## Sandro - H.900mm

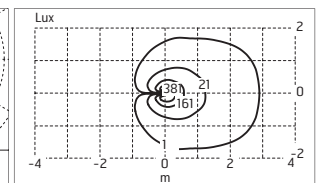
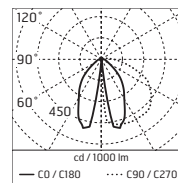
Light Source: Power LED / 5,5W / Total power 8W / CRI 80 / 100÷240V / Integral electronic power supply



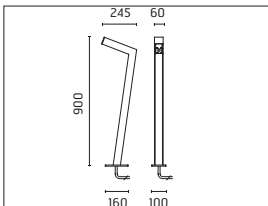
**502007**  
White 2700K  
Lm LED 558 ≠ Lm OUTPUT 299

**502003**  
White 3000K  
Lm LED 600 ≠ Lm OUTPUT 321

**502002**  
White 4000K  
Lm LED 650 ≠ Lm OUTPUT 347



@4000K

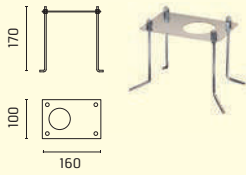


IP65

## Accessories: Sandro

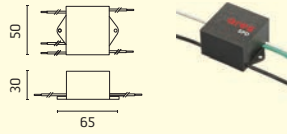
**138**

BASE PLATE AND FIXING BOLTS  
160 x 100 x H 170mm



**237**

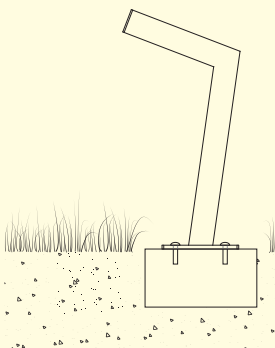
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT 10kA  
(8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION  
- IP66



acc. code ▶	138	237
prod. code ▼		
502002	•	•
502003	•	•
502004	•	•
502005	•	•
502007	•	•
502009	•	•

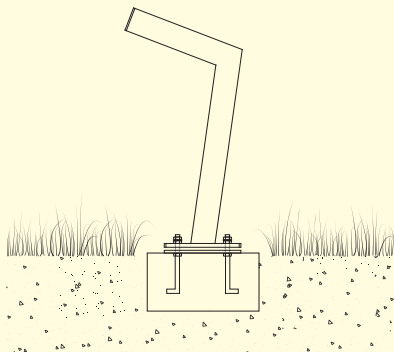
### Correct Fixing Method

Bollard fixed on plint +  
suitable installation screws



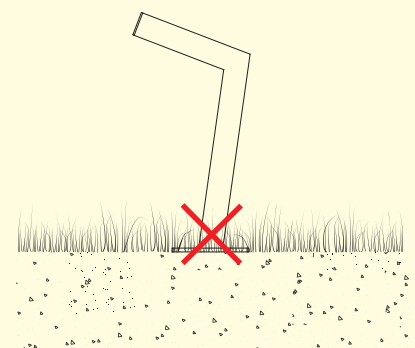
### Correct Fixing Method

Bollard fixed on plint + fixing bolts



### Incorrect Fixing Method

Do not fix the bollard directly on the ground







# VIVIANA

- Bollard light.
- Configuration: hot-dip zinc-coated IPE steel bar (H-frame with base) for high resistance to corrosion. The emission unit, fixed to the upper part of the bar, is composed of a plastic container with zinc-coated cover. Feeding cables are hosted in a hot-dip zinc-coated cover placed on the back side of the bar.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two rubber cable glands ( $8 < \varnothing < 13$ mm cables). We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately).

EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



.7 Zinc



Bollard Light



The fitting is equipped  
with 2 cable input.



Protection against  
impact.  
IK 10 - 20,00 joule

# Viviana

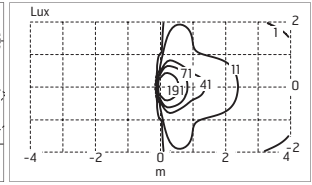
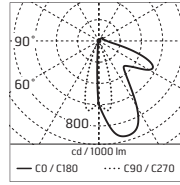
Light Source: Power LED / 8W / Total power 11W / CRI>80 / 220±240V / Integral electronic power supply



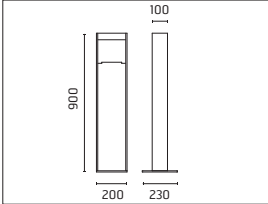
**10410600**  
White 2700K  
lm LED 1011 ≠ lm OUTPUT 391

**10410400**  
White 3000K  
lm LED 1087 ≠ lm OUTPUT 420

**10419700**  
White 4000K  
lm LED 1162 ≠ lm OUTPUT 448



@4000K



IP65   





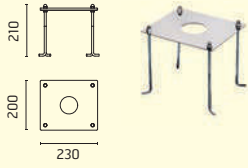




## Accessories: Viviana

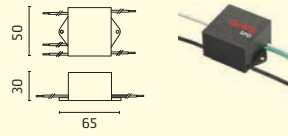
**109**

BASE PLATE AND FIXING BOLTS  
200 x 230 x H 210mm



**237**

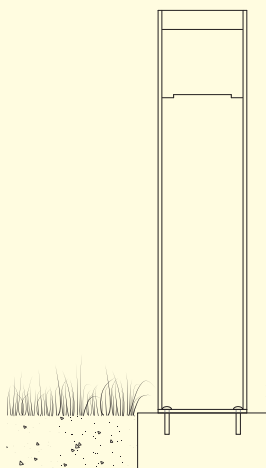
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNEC-  
TION - IP66



acc. code ▶	109	237
prod. code ▼		
10410400	•	•
10410600	•	•
10419700	•	•

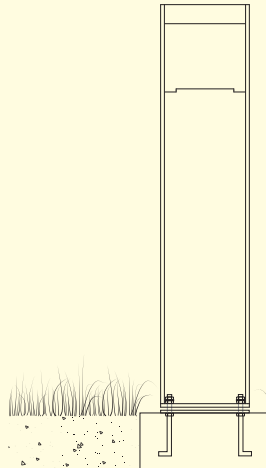
### Correct Fixing Method

Bollard fixed on plinth +  
suitable installation screws



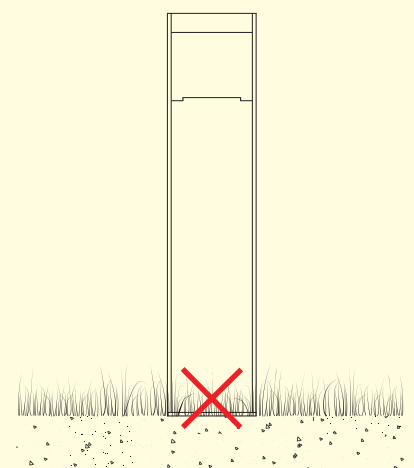
### Correct Fixing Method

Bollard fixed on plinth + fixing bolts



### Incorrect Fixing Method

Do not fix the bollard directly on the ground













- Cylindrical light for installation on wall or as a bollard light.
- Configuration: stainless steel top disc, turned aluminium junction, extruded aluminium pole and die-cast aluminium base, EN AB-47100 alloy (low copper content). Polycarbonate diffuser: LED: opal; fluorescent: transparent with metal antiglare louvre.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with a piece of cable with a 2-way connector for 3-conductor cables for an easy-to-make connection. New Torcia LED: direct connection to the mains. Outdoor use requires suitable flexible cables. Pole with base: direct fixation with bolts to a concrete surface or through a dedicated fixing plate (to be ordered separately) in a concrete basement; Pole in-ground: for a better stability, we recommend to concrete the root of the pole.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes

	<b>LED VERSION:</b> Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	<b>FLUORESCENT VERSION:</b> Class A TC-DEL/G24q-2 TC-DEL/G24q-3



Bollard Light



Wall fitting



Pre-wired with approx 150mm of cable from the head. Connection to be done inside the pole



Protection against impact. IK 09 - 10,00 joule



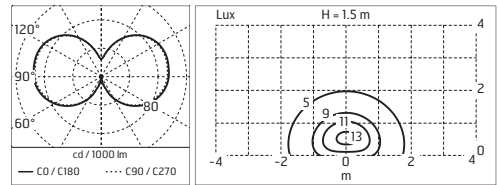
## New Torcia - Wall Version

Light Source: Mid-Power LED / 8W / Total power 9W / CRI>80 / 220÷230V

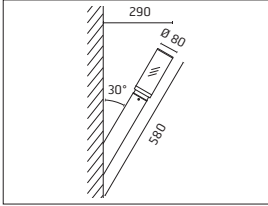


**528005**  
White 3000K  
Lm LED 700 ≈ lm OUTPUT 630

**528004**  
White 4000K  
Lm LED 740 ≈ lm OUTPUT 665



@4000K



LED module set up to work directly connected to the mains

IP65

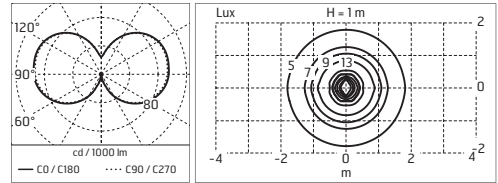
## New Torcia - Pole Version - Direct 230V

Light Source: Mid-Power LED / 8W / CRI>80 / 220÷230V

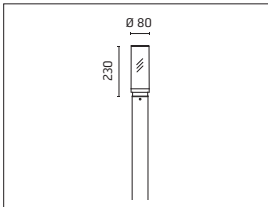


**528010**  
White 3000K  
Total power 8,7W  
Lm LED 700 ≈ lm OUTPUT 630

**528009**  
White 4000K  
Total power 9W  
Lm LED 740 ≈ lm OUTPUT 665



@4000K



LED module set up to work directly connected to the mains

IP65

## New Torcia / Poles



**1505**  
H. 500 mm

**1509**  
H. 900 mm

**1512**  
H. 1200 mm



**1605**  
H. 500 (+300) mm

**1609**  
H. 900 (+300) mm

**1612**  
H. 1200 (+300) mm

with Base

In-Ground (+300 mm Root)

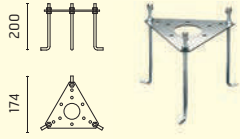




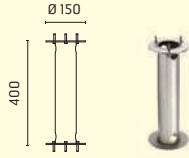


**Accessories: New Torcia**

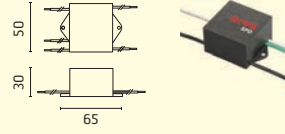
**21**  
BASE PLATE AND FIXING BOLTS  
174 x h 200mm



**185.A**  
HIGH RESISTANCE IN-GROUND  
FIXING BASE

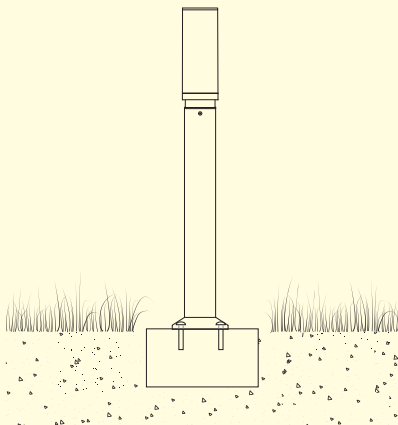


**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNEC-  
TION - IP66

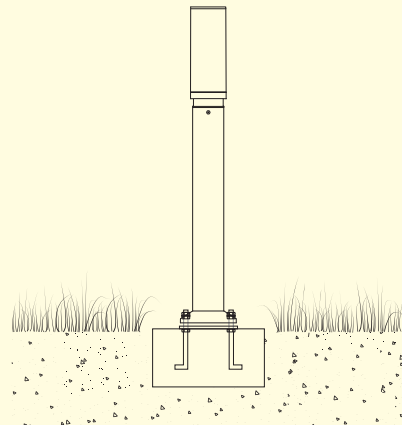


acc. code ▶	21	185.A	237
prod. code ▼			
528004			•
528005			•
528009			•
528010			•
1505	•	•	
1509	•	•	
1512	•	•	
1605			
1609			
1610			

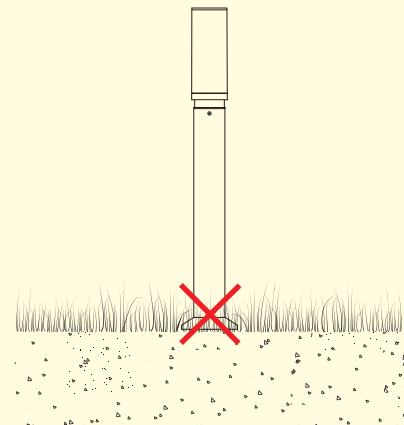
**Correct Fixing Method**  
Bollard fixed on plinth +  
suitable installation screws



**Correct Fixing Method**  
Bollard fixed on plinth + fixing bolts



**Incorrect Fixing Method**  
Do not fix the bollard directly on the ground







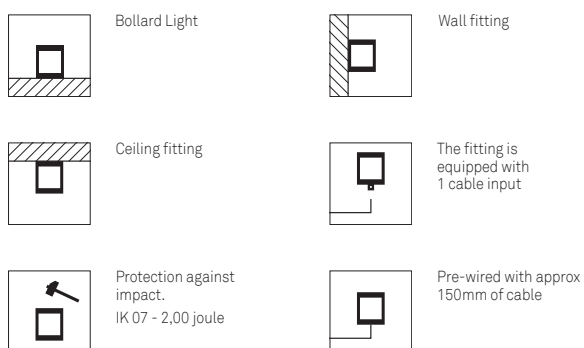


- Cylindrical light for installation on wall, ceiling and floor or as a bollard light – surface.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), extruded aluminium pole (version “on post”). Borosilicate diffuser: transparent or sandblasted.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: Mini Silvia: the luminaire is equipped with one M16 cable gland (4,5<math>\times</math>10mm cables) placed under the head of the luminaire. Mini Silvia on post: the luminaire is equipped with a piece of cable and a watertight 3-ways connector (for cables 5<math>\times</math>13mm) for direct or end-to-end connection. Outdoor use requires suitable flexible cables. We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately).
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

**A<sup>+</sup>**  **METAL HALIDE VERSION:**  
Class A+  
HIT-TC-CE/G8,5

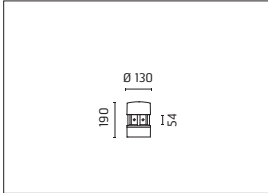
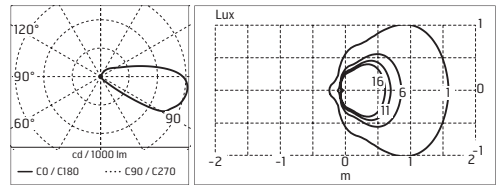
**D**  **HALOGEN VERSION:**  
Class D  
QT32/E27



**MiniSilvia - Sandblasted Glass - 120° Emission**



**930121**  
 QT 32 60W E27  
 Lamp max size: Ø40 mm H.115 mm

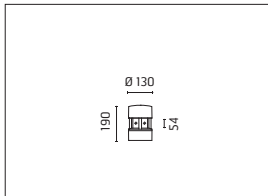
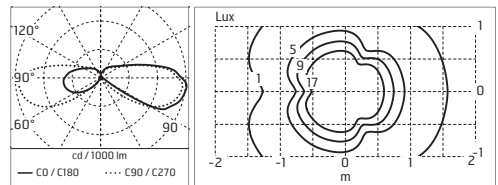


IP65

**MiniSilvia - Sandblasted Glass - 360° Emission**



**930100**  
 QT 32 60W E27  
 Lamp max size: Ø40 mm H.115 mm

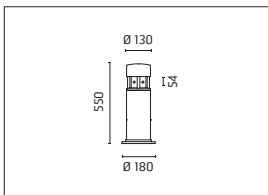
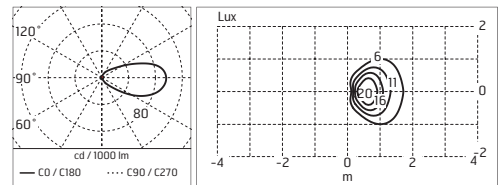


IP65

**MiniSilvia on post - H. 550 mm - Sandblasted Glass - 120° Emission**



**930181**  
 QT 32 60W E27  
 Lamp max size: Ø40 mm H.115 mm

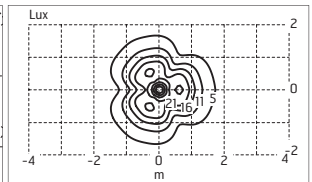
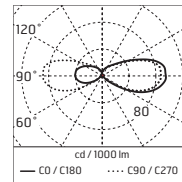
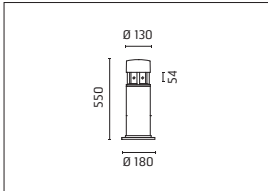


IP65

**MiniSilvia on post - H. 550 mm - Sandblasted Glass - 360° Emission**



**930178**  
 QT 32 60W E27  
 Lamp max size: Ø40 mm H.115 mm

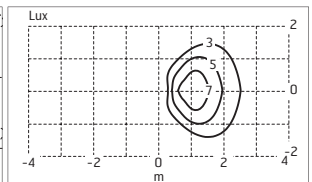
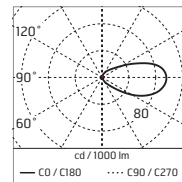
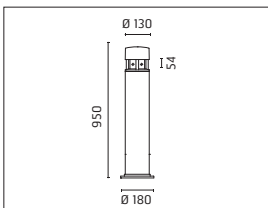


IP65

**MiniSilvia on post - H. 950 mm - Sandblasted Glass - 120° Emission**



**930182**  
 QT 32 60W E27  
 Lamp max size: Ø40 mm H.115 mm

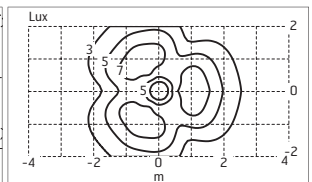
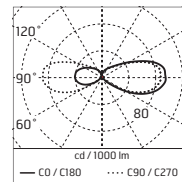
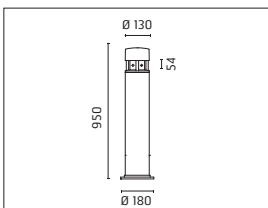


IP65

**MiniSilvia on post - H. 950 mm - Sandblasted Glass - 360° Emission**



**930179**  
 QT 32 60W E27  
 Lamp max size: Ø40 mm H.115 mm



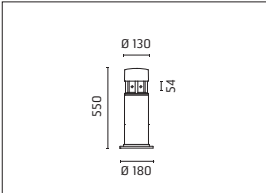
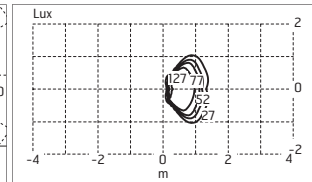
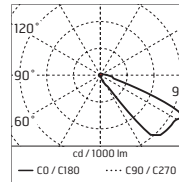
IP65



**MiniSilvia on post - H. 550 mm - Transparent Glass - 120° Emission**



**936787**  
HIT-TC-CE 35W G8,5



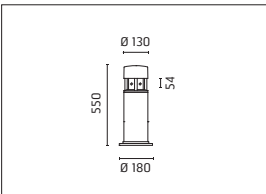
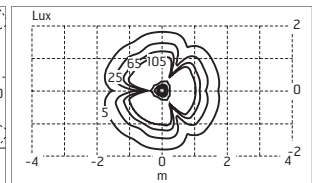
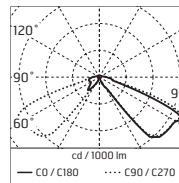
Electronic ballast

IP65

**MiniSilvia on post - H. 550 mm - Transparent Glass - 360° Emission**



**936784**  
HIT-TC-CE 35W G8,5



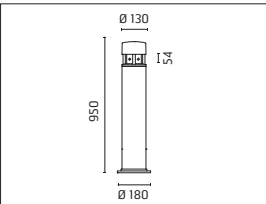
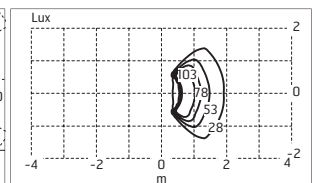
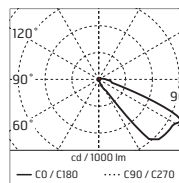
Electronic ballast

IP65

**MiniSilvia on post - H. 950 mm - Transparent Glass - 120° Emission**



**936788**  
HIT-TC-CE 35W G8,5



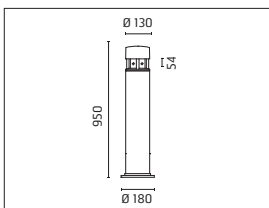
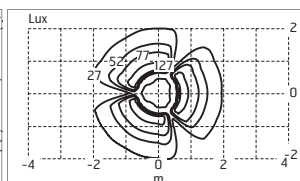
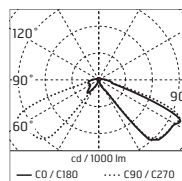
Electronic ballast

IP65

**MiniSilvia on post - H. 950 mm - Transparent Glass - 360° Emission**



**936785**  
HIT-TC-CE 35W G8,5

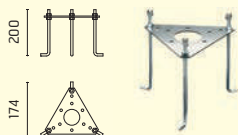


Electronic ballast

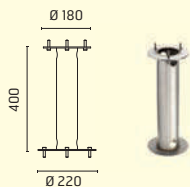
IP65

**Accessories: MiniSilvia - MiniSilvia on post**

**21**  
BASE PLATE AND FIXING BOLTS  
174 x h 200mm

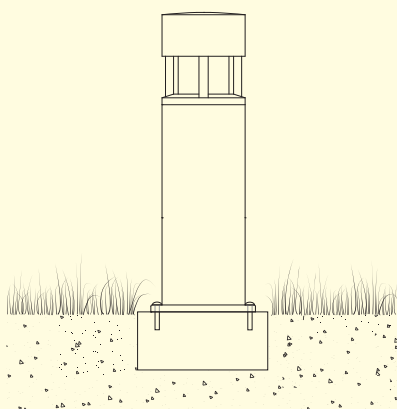


**260**  
HIGH RESISTANCE IN-GROUND  
FIXING BASE

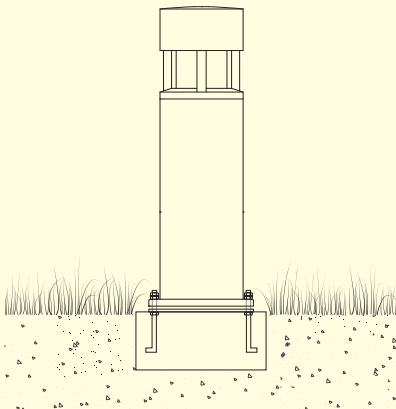


acc. code	21	260
930100		
930121		
930178	•	•
930179	•	•
930181	•	•
930182	•	•
936784	•	•
936785	•	•
936787	•	•
936788	•	•

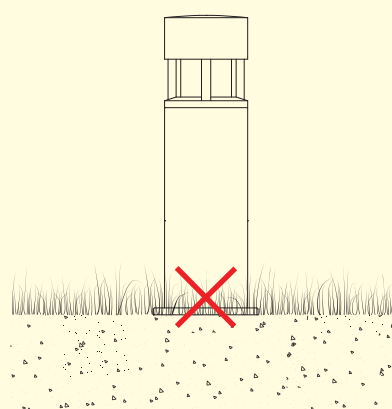
**Correct Fixing Method**  
Bollard fixed on plint + suitable installation screws



**Correct Fixing Method**  
Bollard fixed on plinth + fixing bolts



**Incorrect Fixing Method**  
Do not fix the bollard directly on the ground





- Cylindrical light for installation on wall, ceiling and floor or as a bollard light – surface.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), extruded aluminium pole (version “on post”). Borosilicate diffuser: transparent or sandblasted.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: Silvia: the luminaire is equipped with one M20 cable gland (6<math>\times</math>12mm cables) placed under the head of the luminaire. Silvia on post: the luminaire is equipped with a piece of cable and a watertight 3-ways connector (for cables 5<math>\times</math>13mm) for direct or end-to-end connection.
- Outdoor use requires suitable flexible cables. We recommend installation on a concrete basement or surface, directly with bolts or through the dedicated fixing plate (to be ordered separately).
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

**A<sup>+</sup>** **METAL HALIDE VERSION:**  
Class A+  
HIT-CE/G12

**D** **HALOGEN VERSION:**  
Class D  
QT32/E27



Bollard Light



Wall fitting



Ceiling fitting



The fitting is equipped with 1 cable input



Protection against impact.  
IK 07 - 2,00 joule



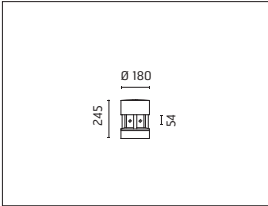
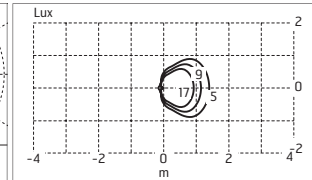
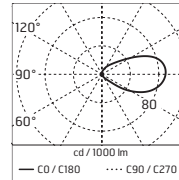
Pre-wired with approx 150mm of cable



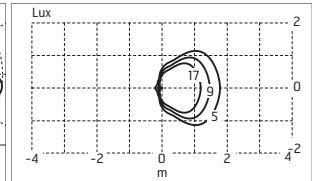
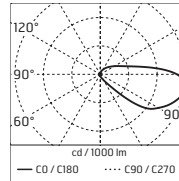
**Silvia - Sandblasted Glass - 120° Emission**



**850121**  
 QT 32 100W E27  
 Lamp max size: Ø40 mm H.125 mm



**853521**  
 HIT-CE 35W G12

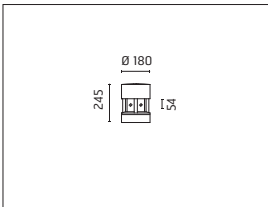
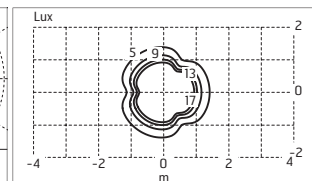
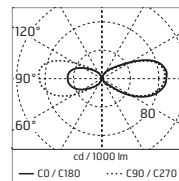


IP65

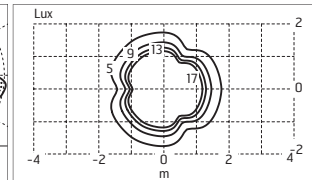
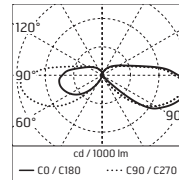
**Silvia - Sandblasted Glass - 360° Emission**



**850100**  
 QT 32 100W E27  
 Lamp max size: Ø40 mm H.125 mm



**853500**  
 HIT-CE 35W G12

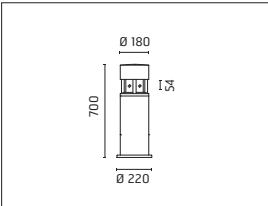
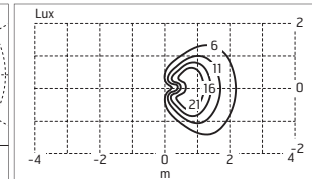
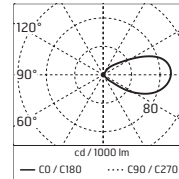


IP65

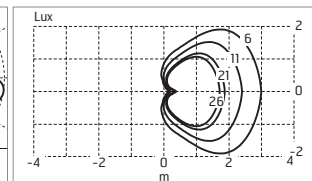
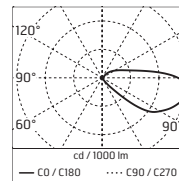
**Silvia - Sandblasted Glass - 120° Emission**



**850175**  
 QT 32 100W E27  
 Lamp max size: Ø40 mm H.125 mm



**853575**  
 HIT-CE 35W G12

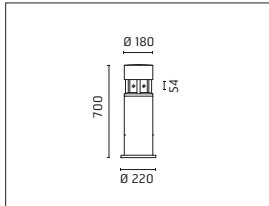


IP65

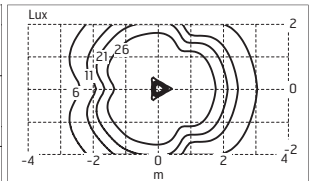
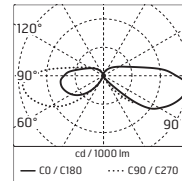
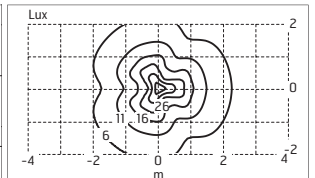
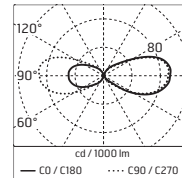
**Silvia on post - H. 700 mm - Sandblasted Glass - 360° Emission**



**850173**  
 QT 32 100W E27  
 Lamp max size: Ø40 mm H.125 mm



**853573**  
 HIT-CE 35W G12

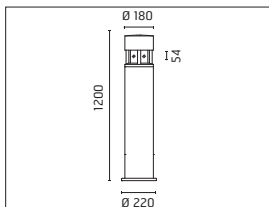


IP65

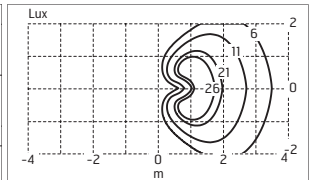
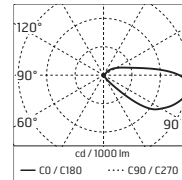
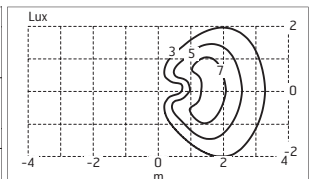
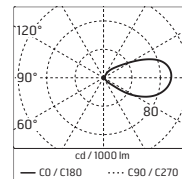
**Silvia on post - H. 1200 mm - Sandblasted Glass - 120° Emission**



**850176**  
 QT 32 100W E27  
 Lamp max size: Ø40 mm H.125 mm



**853576**  
 HIT-CE 35W G12

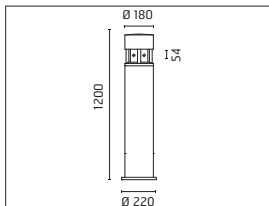


IP65

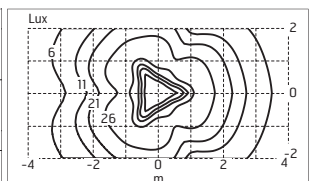
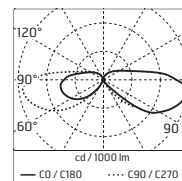
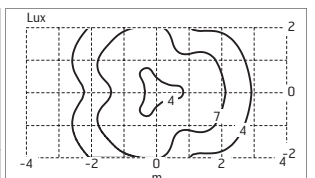
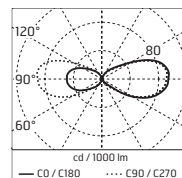
**Silvia on post - H. 1200 mm - Sandblasted Glass - 360° Emission**



**850174**  
 QT 32 100W E27  
 Lamp max size: Ø40 mm H.125 mm



**853574**  
 HIT-CE 35W G12

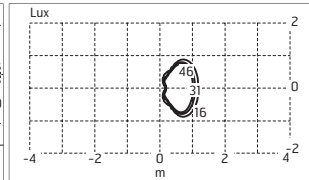
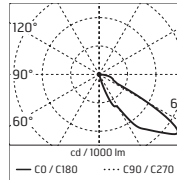


IP65

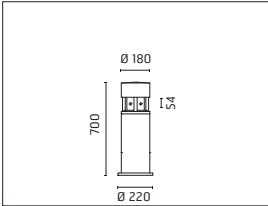
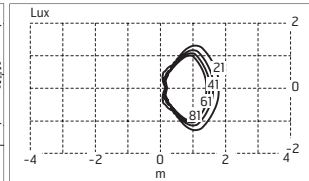
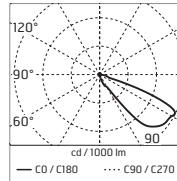
**Silvia on post - H. 700 mm - Transparent Glass - 120° Emission**



**850169**  
 QT 32 100W E27  
 Lamp max size: Ø40 mm H.125 mm



**857169**  
 HIT-CE 70W G12

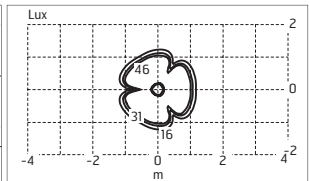
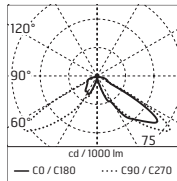


IP65

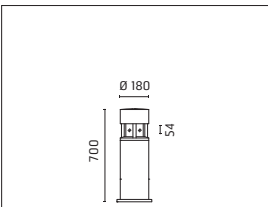
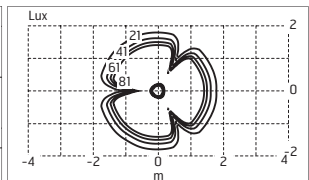
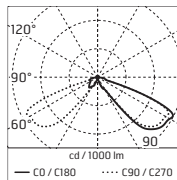
**Silvia on post - H. 700 mm - Transparent Glass - 360° Emission**



**850167**  
 QT 32 100W E27  
 Lamp max size: Ø40 mm H.125 mm



**857167**  
 HIT-CE 70W G12

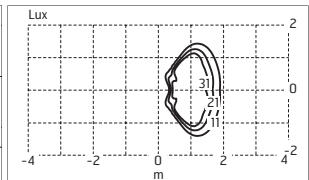
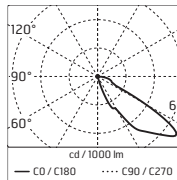


IP65

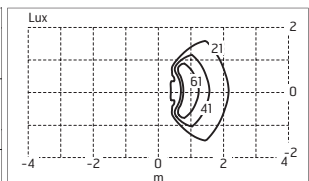
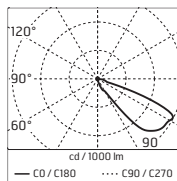
**Silvia on post - H. 1200 mm - Transparent Glass - 120° Emission**



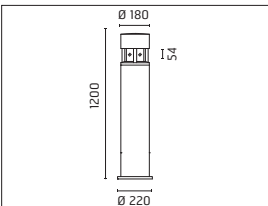
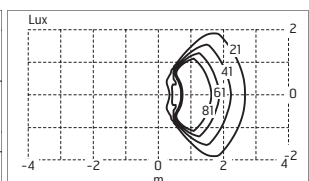
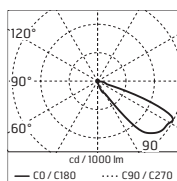
**850170**  
 QT 32 100W E27  
 Lamp max size: Ø40 mm H.125 mm



**853570**  
 HIT-CE 35W G12



**857170**  
 HIT-CE 70W G12



IP65

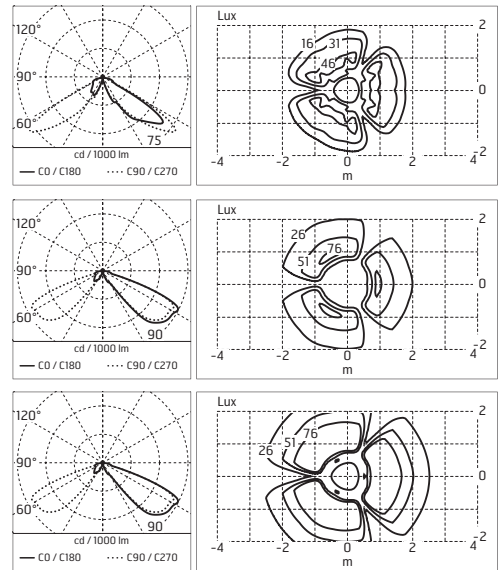
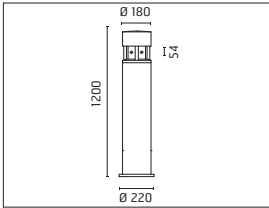
## Silvia on post - H. 1200 mm - Transparent Glass - 360° Emission



**850168**  
QT 32 100W E27  
Lamp max size: Ø40 mm H.125 mm

**853568**  
HIT-CE 35W G12

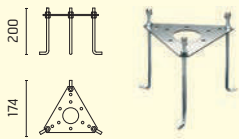
**857168**  
HIT-CE 70W G12



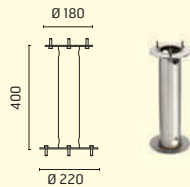
IP65

### Accessories: Silvia - Silvia on post

**21**  
BASE PLATE AND FIXING BOLTS  
174 x h 200mm

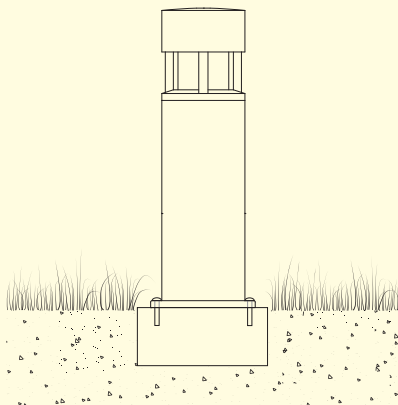


**260**  
HIGH RESISTANCE IN-GROUND  
FIXING BASE

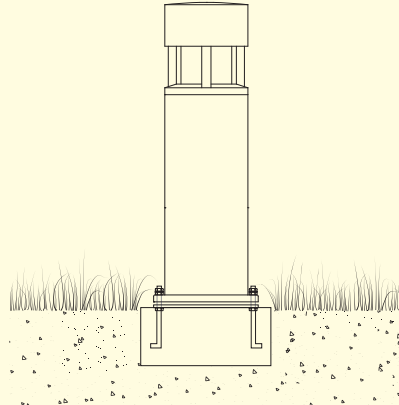


acc. code	▶	21	260	acc. code	▶	21	260
850100	▼			853567	▼	•	•
850121				853568		•	•
850167		•	•	853569		•	•
850168		•	•	853570		•	•
850169		•	•	853573		•	•
850170		•	•	853574		•	•
850173		•	•	853575		•	•
850174		•	•	853576		•	•
850175		•	•	857167		•	•
850176		•	•	857168		•	•
853500				857169		•	•
853521				857170		•	•

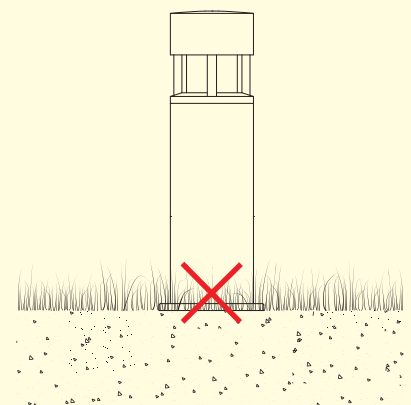
**Correct Fixing Method**  
Bollard fixed on plint + suitable installation screws



**Correct Fixing Method**  
Bollard fixed on plinth + fixing bolts



**Incorrect Fixing Method**  
Do not fix the bollard directly on the ground



Silvia - Silvia on post





- Projector for installation on wall or on pole (Ø76mm or Ø102mm).
- Configuration: extruded aluminium structure with die-cast closing ends, EN AB-47100 alloy (low copper content). Glass diffuser: extra-clear with silk-screen border, fixed to the aluminium through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with 400mm cable and a 2-way terminal block for 3-conductor cables - IP68.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



.6 Grey



.3 Anthracite



Wall fitting



Installation on pole



Pre-wired with approx  
400mm of cable



Protection against  
impact  
IK 09 - 10,00 joule

## Dooku400 - Wall Version - Adjustable - 120° (Wide Spaces - Public Areas - Parking Areas)

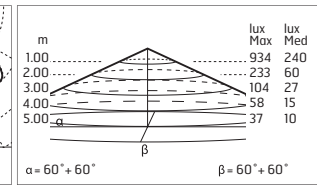
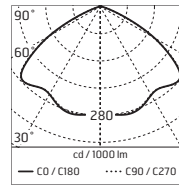
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220÷240V / Integral electronic power supply



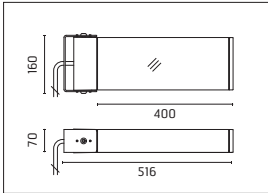
**539076**  
**539076-300** Dimmable Dali  
**539076-310** Dimmable 1-10  
 White 2700K  
 lm LED 3723 ≠ lm OUTPUT 2946

**539075**  
**539075-300** Dimmable Dali  
**539075-310** Dimmable 1-10  
 White 3000K  
 lm LED 4003 ≠ lm OUTPUT 3168

**539074**  
**539074-300** Dimmable Dali  
**539074-310** Dimmable 1-10  
 White 4000K  
 lm LED 4262 ≠ lm OUTPUT 3374



@4000K



Smart city version on request

IP65

## Dooku400 - Wall Version - Adjustable - Asymmetric optic

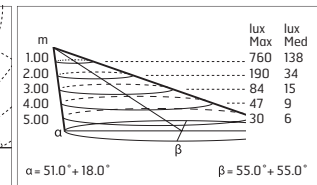
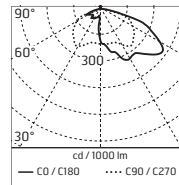
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220÷240V / Integral electronic power supply



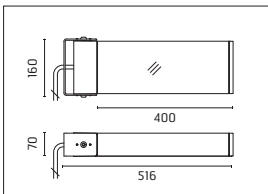
**539130**  
**539130-300** Dimmable Dali  
**539130-310** Dimmable 1-10  
 White 2700K  
 lm LED 3723 ≠ lm OUTPUT 2853

**539148**  
**539148-300** Dimmable Dali  
**539148-310** Dimmable 1-10  
 White 3000K  
 lm LED 4003 ≠ lm OUTPUT 2941

**539166**  
**539166-300** Dimmable Dali  
**539166-310** Dimmable 1-10  
 White 4000K  
 lm LED 4262 ≠ lm OUTPUT 3131



@4000K



Smart city version on request

IP65







## Dooku400 - Pole Ø 76mm - Single Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

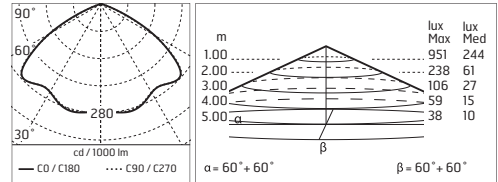
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220÷240V / Integral electronic power supply



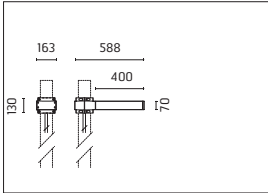
**539078**  
**539078-300** Dimmable Dali  
**539078-310** Dimmable 1-10  
 White 2700K  
 lm LED 3723 ≠ lm OUTPUT 2946

**539039**  
**539039-300** Dimmable Dali  
**539039-310** Dimmable 1-10  
 White 3000K  
 lm LED 4003 ≠ lm OUTPUT 3168

**539038**  
**539038-300** Dimmable Dali  
**539038-310** Dimmable 1-10  
 White 4000K  
 lm LED 4262 ≠ lm OUTPUT 3374



@4000K



Smart city version on request

IP65

## Dooku400 - Pole Ø 76mm - Single Top Pole - Asymmetric optic

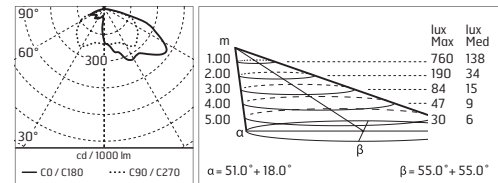
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220÷240V / Integral electronic power supply



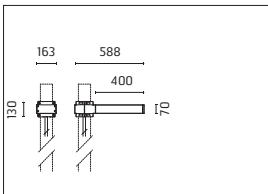
**539132**  
**539132-300** Dimmable Dali  
**539132-310** Dimmable 1-10  
 White 2700K  
 lm LED 3723 ≠ lm OUTPUT 2853

**539150**  
**539150-300** Dimmable Dali  
**539150-310** Dimmable 1-10  
 White 3000K  
 lm LED 4003 ≠ lm OUTPUT 2941

**539168**  
**539168-300** Dimmable Dali  
**539168-310** Dimmable 1-10  
 White 4000K  
 lm LED 4262 ≠ lm OUTPUT 3131



@4000K

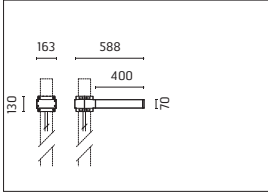


Smart city version on request

IP65

### Dooku400 - Pole Ø 76mm - Single Top Pole - Street Light Optic

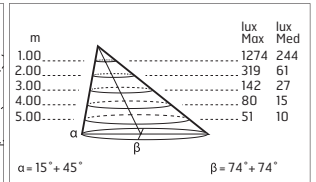
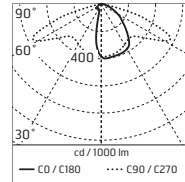
Light Source: Power LED / 33,6W / Total power 39W / CRI >80 / 220÷240V / Integral electronic power supply



**539080**  
**539080-300** Dimmable Dali  
**539080-310** Dimmable 1-10  
 White 2700K  
 lm LED 3723 ≠ lm OUTPUT 2727

**539042**  
**539042-300** Dimmable Dali  
**539042-310** Dimmable 1-10  
 White 3000K  
 lm LED 4003 ≠ lm OUTPUT 2932

**539041**  
**539041-300** Dimmable Dali  
**539041-310** Dimmable 1-10  
 White 4000K  
 lm LED 4262 ≠ lm OUTPUT 3121



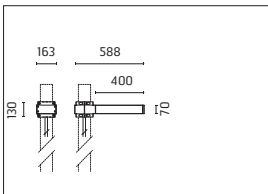
@4000K

Smart city version on request

IP65

### Dooku400 - Pole Ø 76mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)

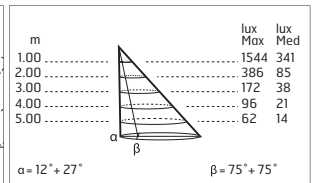
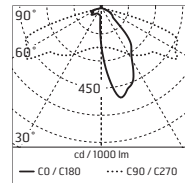
Light Source: Power LED / 33,6W / Total power 39W / CRI >80 / 220÷240V / Integral electronic power supply



**539082**  
**539082-300** Dimmable Dali  
**539082-310** Dimmable 1-10  
 White 2700K  
 lm LED 3723 ≠ lm OUTPUT 2744

**539045**  
**539045-300** Dimmable Dali  
**539045-310** Dimmable 1-10  
 White 3000K  
 lm LED 4003 ≠ lm OUTPUT 2950

**539044**  
**539044-300** Dimmable Dali  
**539044-310** Dimmable 1-10  
 White 4000K  
 lm LED 4262 ≠ lm OUTPUT 3141



@4000K

Smart city version on request

IP65

## Dooku400 - Pole Ø 76mm - Double Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

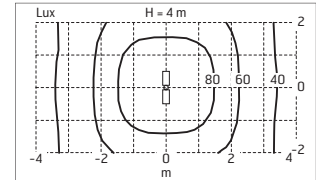
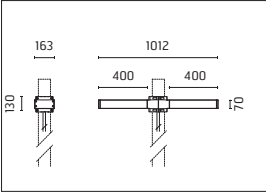
Light Source: Power LED / 2x33,6W / Total power 2x39W / CRI>80 / 220÷240V / Integral electronic power supply



**539084**  
**539084-300** Dimmable Dali  
**539084-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x3723 ≠ lm OUTPUT 2x2946

**539048**  
**539048-300** Dimmable Dali  
**539048-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x4003 ≠ lm OUTPUT 2x3168

**539047**  
**539047-300** Dimmable Dali  
**539047-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x4262 ≠ lm OUTPUT 2x3374



@4000K

Smart city version on request

IP65

## Dooku400 - Pole Ø 76mm - Double Top Pole - Asymmetric optic

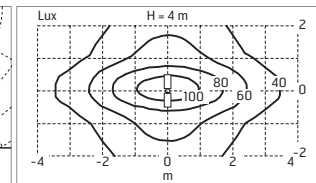
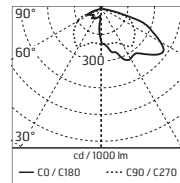
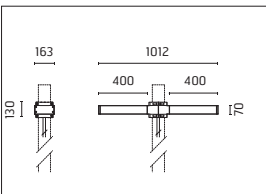
Light Source: Power LED / 2x33,6W / Total power 2x39W / CRI>80 / 220÷240V / Integral electronic power supply



**539134**  
**539134-300** Dimmable Dali  
**539134-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x3723 ≠ lm OUTPUT 2x2853

**539152**  
**539152-300** Dimmable Dali  
**539152-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x4003 ≠ lm OUTPUT 2x2941

**539170**  
**539170-300** Dimmable Dali  
**539170-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x4262 ≠ lm OUTPUT 2x3131



@4000K

Smart city version on request

IP65

## Dooku400 - Pole Ø 76mm - Double Top Pole - Street Light Optic

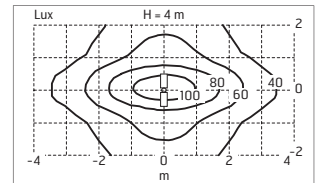
Light Source: Power LED / 2x33,6W / Total power 2x39W / CRI>80 / 220÷240V / Integral electronic power supply



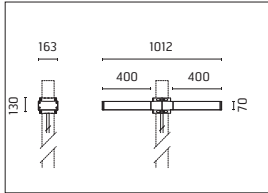
**539086**  
**539086-300** Dimmable Dali  
**539086-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x3723 ≈ lm OUTPUT 2x2727

**539051**  
**539051-300** Dimmable Dali  
**539051-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x4003 ≈ lm OUTPUT 2x2932

**539050**  
**539050-300** Dimmable Dali  
**539050-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x4262 ≈ lm OUTPUT 2x3121



@4000K



Smart city version on request

IP65

## Dooku400 - Pole Ø 76mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)

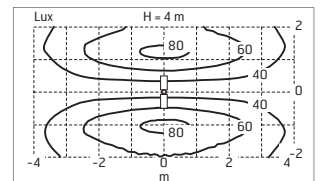
Light Source: Power LED / 2x33,6W / Total power 2x39W / CRI>80 / 220÷240V/Integral electronic power supply



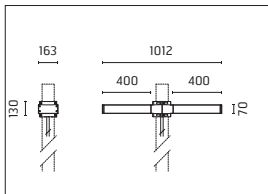
**539088**  
**539088-300** Dimmable Dali  
**539088-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x3723 ≈ lm OUTPUT 2x2744

**539054**  
**539054-300** Dimmable Dali  
**539054-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x4003 ≈ lm OUTPUT 2x2950

**539053**  
**539053-300** Dimmable Dali  
**539053-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x4262 ≈ lm OUTPUT 2x3141



@4000K



Smart city version on request

IP65



## Dooku400 - Pole Ø 102mm - Single Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

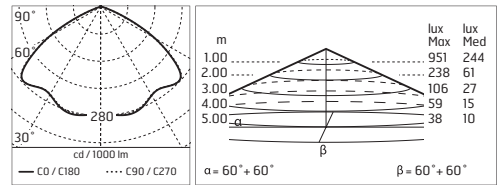
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220÷240V / Integral electronic power supply



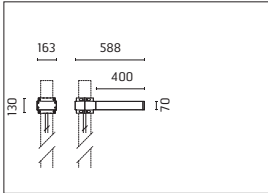
**539090**  
**539090-300** Dimmable Dali  
**539090-310** Dimmable 1-10  
 White 2700K  
 lm LED 3723 ≠ lm OUTPUT 2946

**539057**  
**539057-300** Dimmable Dali  
**539057-310** Dimmable 1-10  
 White 3000K  
 lm LED 4003 ≠ lm OUTPUT 3168

**539056**  
**539056-300** Dimmable Dali  
**539056-310** Dimmable 1-10  
 White 4000K  
 lm LED 4262 ≠ lm OUTPUT 3374



@4000K



Smart city version on request

IP65

## Dooku400 - Pole Ø 102mm - Single Top Pole - Asymmetric optic

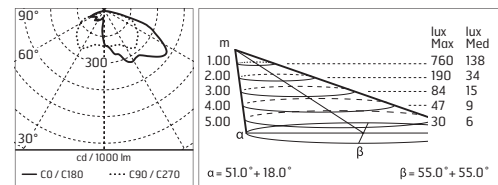
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220÷240V / Integral electronic power supply



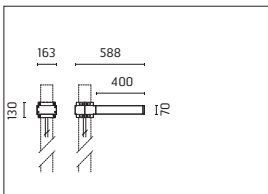
**539136**  
**539136-300** Dimmable Dali  
**539136-310** Dimmable 1-10  
 White 2700K  
 lm LED 3723 ≠ lm OUTPUT 2853

**539154**  
**539154-300** Dimmable Dali  
**539154-310** Dimmable 1-10  
 White 3000K  
 lm LED 4003 ≠ lm OUTPUT 2941

**539172**  
**539172-300** Dimmable Dali  
**539172-310** Dimmable 1-10  
 White 4000K  
 lm LED 4262 ≠ lm OUTPUT 3131



@4000K



Smart city version on request

IP65

## Dooku400 - Pole Ø 102mm - Single Top Pole - Street Light Optic

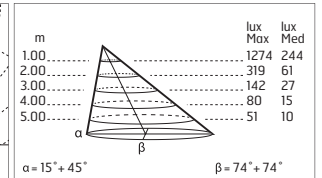
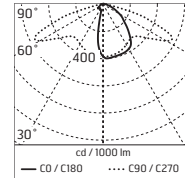
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220÷240V / Integral electronic power supply



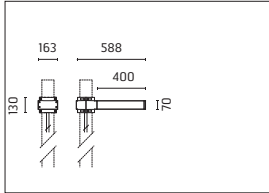
**539092**  
**539092-300** Dimmable Dali  
**539092-310** Dimmable 1-10  
 White 2700K  
 lm LED 3723 ≠ lm OUTPUT 2727

**539060**  
**539060-300** Dimmable Dali  
**539060-310** Dimmable 1-10  
 White 3000K  
 lm LED 4003 ≠ lm OUTPUT 2932

**539059**  
**539059-300** Dimmable Dali  
**539059-310** Dimmable 1-10  
 White 4000K  
 lm LED 4262 ≠ lm OUTPUT 3121



@4000K



Smart city version on request

IP65

## Dooku400 - Pole Ø 102mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)

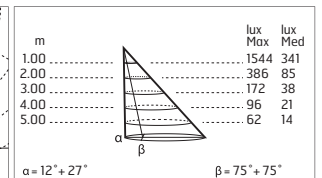
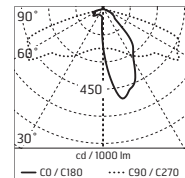
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220÷240V / Integral electronic power supply



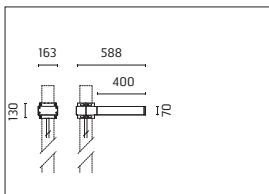
**539094**  
**539094-300** Dimmable Dali  
**539094-310** Dimmable 1-10  
 White 2700K  
 lm LED 3723 ≠ lm OUTPUT 2744

**539063**  
**539063-300** Dimmable Dali  
**539063-310** Dimmable 1-10  
 White 3000K  
 lm LED 4003 ≠ lm OUTPUT 2950

**539062**  
**539062-300** Dimmable Dali  
**539062-310** Dimmable 1-10  
 White 4000K  
 lm LED 4262 ≠ lm OUTPUT 3141



@4000K



Smart city version on request

IP65

## Dooku400 - Pole Ø 102mm - Double Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

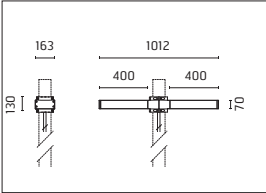
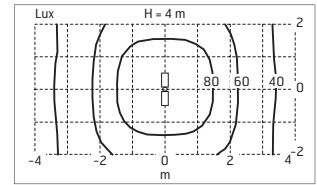
Light Source: Power LED / 2x33,6W / Total power 2x39W / CRI>80 / 220÷240V / Integral electronic power supply



**539096**  
**539096-300** Dimmable Dali  
**539096-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x3723 ≠ lm OUTPUT 2x2946

**539066**  
**539066-300** Dimmable Dali  
**539066-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x4003 ≠ lm OUTPUT 2x3168

**539065**  
**539065-300** Dimmable Dali  
**539065-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x4262 ≠ lm OUTPUT 2x3374



Smart city version on request

IP65

## Dooku400 - Pole Ø 102mm - Double Top Pole - Asymmetric optic

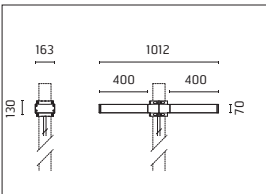
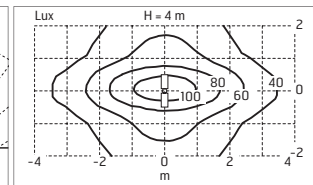
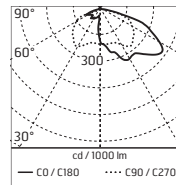
Light Source: Power LED / 33,6W / Total power 39W / CRI>80 / 220÷240V / Integral electronic power supply



**539138**  
**539138-300** Dimmable Dali  
**539138-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x3723 ≠ lm OUTPUT 2x2853

**539156**  
**539156-300** Dimmable Dali  
**539156-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x4003 ≠ lm OUTPUT 2x2941

**539174**  
**539174-300** Dimmable Dali  
**539174-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x4262 ≠ lm OUTPUT 2x3131



Smart city version on request

IP65

## Dooku400 - Pole Ø 102mm - Double Top Pole - Street Light Optic

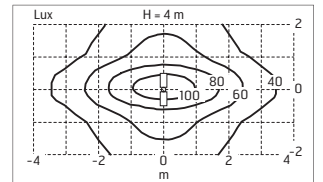
Light Source: Power LED / 2x33,6W / Total power 2x39W / CRI>80 / 220÷240V / Integral electronic power supply



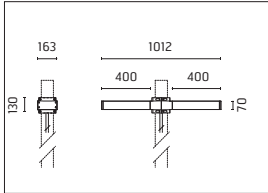
**539098**  
**539098-300** Dimmable Dali  
**539098-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x3723 ≠ lm OUTPUT 2x2727

**539069**  
**539069-300** Dimmable Dali  
**539069-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x4003 ≠ lm OUTPUT 2x2932

**539068**  
**539068-300** Dimmable Dali  
**539068-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x4262 ≠ lm OUTPUT 2x3121



@4000K



Smart city version on request

IP65

## Dooku400 - Pole Ø 102mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)

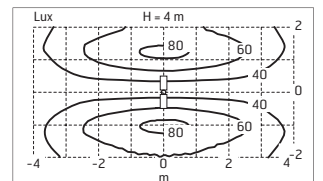
Light Source: Power LED / 2x33,6W / Total power 2x39W / CRI>80 / 220÷240V / Integral electronic power supply



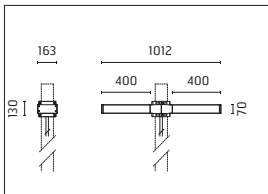
**539100**  
**539100-300** Dimmable Dali  
**539100-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x3723 ≠ lm OUTPUT 2x2744

**539072**  
**539072-300** Dimmable Dali  
**539072-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x4003 ≠ lm OUTPUT 2x2950

**539071**  
**539071-300** Dimmable Dali  
**539071-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x4262 ≠ lm OUTPUT 2x3141



@4000K



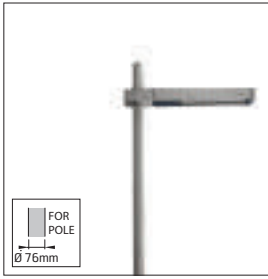
Smart city version on request

IP65



## Dooku600 - Pole Ø 76mm - Single Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

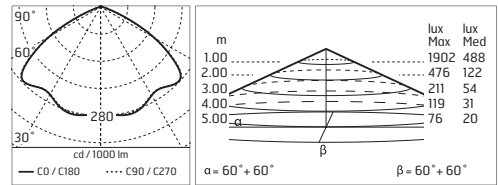
Light Source: Power LED / 67,2W / Total power 78W / CRI>80 / 220÷240V / Integral electronic power supply



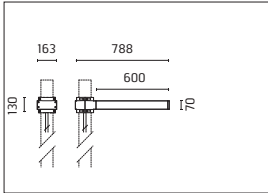
**539102**  
**539102-300** Dimmable Dali  
**539102-310** Dimmable 1-10  
 White 2700K  
 lm LED 7446 ≠ lm OUTPUT 5893

**539003**  
**539003-300** Dimmable Dali  
**539003-310** Dimmable 1-10  
 White 3000K  
 lm LED 8006 ≠ lm OUTPUT 6337

**539002**  
**539002-300** Dimmable Dali  
**539002-310** Dimmable 1-10  
 White 4000K  
 lm LED 8524 ≠ lm OUTPUT 6748



@4000K



Smart city version on request

IP65

## Dooku600 - Pole Ø 76mm - Single Top Pole - Asymmetric optic

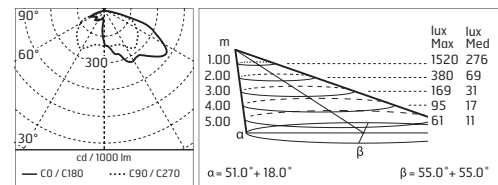
Light Source: Power LED / 67,2W / Total power 78W / CRI>80 / 220÷240V / Integral electronic power supply



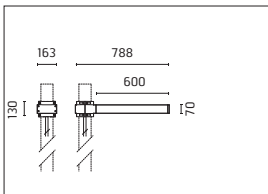
**539140**  
**539140-300** Dimmable Dali  
**539140-310** Dimmable 1-10  
 White 2700K  
 lm LED 7446 ≠ lm OUTPUT 5705

**539158**  
**539158-300** Dimmable Dali  
**539158-310** Dimmable 1-10  
 White 3000K  
 lm LED 8006 ≠ lm OUTPUT 5881

**539176**  
**539176-300** Dimmable Dali  
**539176-310** Dimmable 1-10  
 White 4000K  
 lm LED 8524 ≠ lm OUTPUT 6263



@4000K

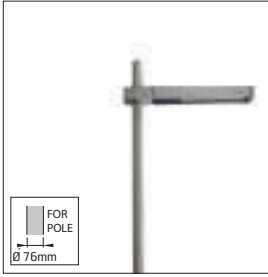


Smart city version on request

IP65

### Dooku600 - Pole Ø 76mm - Single Top Pole - Street Light Optic

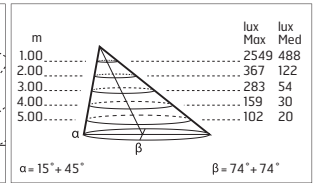
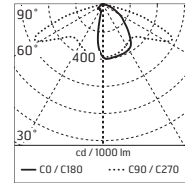
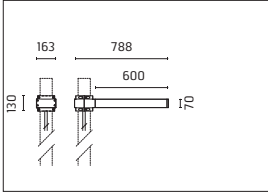
Light Source: Power LED / 67,2W / Total power 78W / CRI>80 / 220÷240V / Integral electronic power supply



**539104**  
**539104-300** Dimmable Dali  
**539104-310** Dimmable 1-10  
 White 2700K  
 lm LED 7446 ≠ lm OUTPUT 5454

**539006**  
**539006-300** Dimmable Dali  
**539006-310** Dimmable 1-10  
 White 3000K  
 lm LED 8006 ≠ lm OUTPUT 5864

**539005**  
**539005-300** Dimmable Dali  
**539005-310** Dimmable 1-10  
 White 4000K  
 lm LED 8524 ≠ lm OUTPUT 6243



@4000K

Smart city version on request

IP65

### Dooku600 - Pole Ø 76mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)

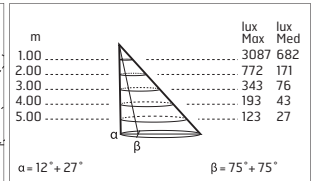
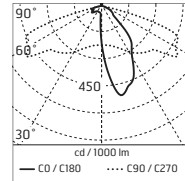
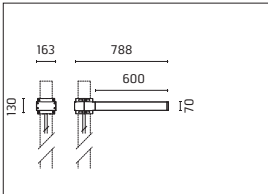
Light Source: Power LED / 67,2W / Total power 78W / CRI>80 / 220÷240V / Integral electronic power supply



**539106**  
**539106-300** Dimmable Dali  
**539106-310** Dimmable 1-10  
 White 2700K  
 lm LED 7446 ≠ lm OUTPUT 5487

**539009**  
**539009-300** Dimmable Dali  
**539009-310** Dimmable 1-10  
 White 3000K  
 lm LED 8006 ≠ lm OUTPUT 5900

**539008**  
**539008-300** Dimmable Dali  
**539008-310** Dimmable 1-10  
 White 4000K  
 lm LED 8524 ≠ lm OUTPUT 6282



@4000K

Smart city version on request

IP65

## Dooku600 - Pole Ø 76mm - Double Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

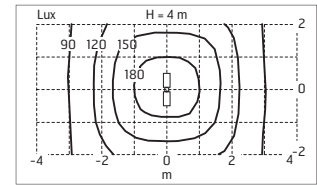
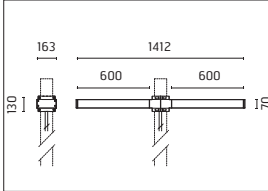
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220±240V / Integral electronic power supply



**539108**  
**539108-300** Dimmable Dali  
**539108-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x7446 ≠ lm OUTPUT 2x5893

**539012**  
**539012-300** Dimmable Dali  
**539012-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x8006 ≠ lm OUTPUT 2x6337

**539011**  
**539011-300** Dimmable Dali  
**539011-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x8524 ≠ lm OUTPUT 2x6748



@4000K

Smart city version on request

IP65

## Dooku600 - Pole Ø 76mm - Double Top Pole - Asymmetric optic

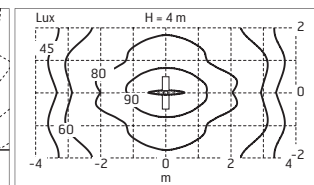
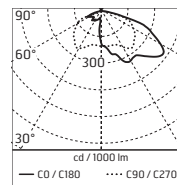
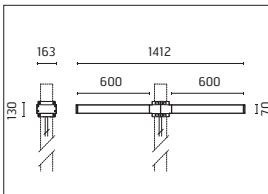
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220±240V / Integral electronic power supply



**539142**  
**539142-300** Dimmable Dali  
**539142-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x7446 ≠ lm OUTPUT 2x5705

**539160**  
**539160-300** Dimmable Dali  
**539160-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x8006 ≠ lm OUTPUT 2x5881

**539178**  
**539178-300** Dimmable Dali  
**539178-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x8524 ≠ lm OUTPUT 2x6263



@4000K

Smart city version on request

IP65

**Dooku600 - Pole Ø 76mm - Double Top Pole - Street Light Optic**

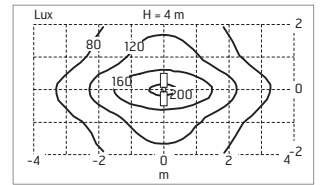
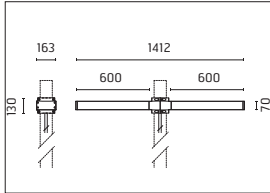
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220÷240V / Integral electronic power supply



**539110**  
**539110-300** Dimmable Dali  
**539110-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x7446 ≈ lm OUTPUT 2x5454

**539015**  
**539015-300** Dimmable Dali  
**539015-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x8006 ≈ lm OUTPUT 2x5864

**539014**  
**539014-300** Dimmable Dali  
**539014-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x8524 ≈ lm OUTPUT 2x6243



@4000K

Smart city version on request

IP65

**Dooku600 - Pole Ø 76mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)**

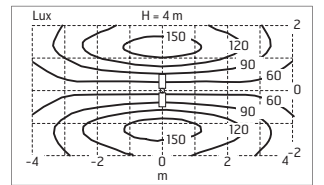
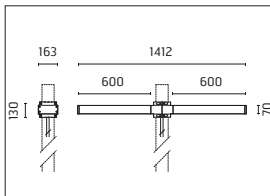
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220÷240V / Integral electronic power supply



**539112**  
**539112-300** Dimmable Dali  
**539112-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x7446 ≈ lm OUTPUT 2x5487

**539018**  
**539018-300** Dimmable Dali  
**539018-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x8006 ≈ lm OUTPUT 2x5900

**539017**  
**539017-300** Dimmable Dali  
**539017-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x8524 ≈ lm OUTPUT 2x6282



@4000K

Smart city version on request

IP65



## Dooku600 - Pole Ø 102mm - Single Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

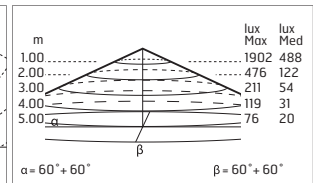
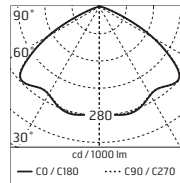
Light Source: Power LED / 67,2W / Total power 78W / CRI>80 / 220÷240V / Integral electronic power supply



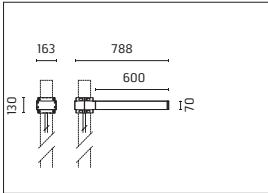
**539114**  
**539114-300** Dimmable Dali  
**539114-310** Dimmable 1-10  
 White 2700K  
 lm LED 7446 ≠ lm OUTPUT 5893

**539021**  
**539021-300** Dimmable Dali  
**539021-310** Dimmable 1-10  
 White 3000K  
 lm LED 8006 ≠ lm OUTPUT 6337

**539020**  
**539020-300** Dimmable Dali  
**539020-310** Dimmable 1-10  
 White 4000K  
 lm LED 8524 ≠ lm OUTPUT 6748



@4000K



Smart city version on request

IP65

## Dooku600 - Pole Ø 102mm - Single Top Pole - Asymmetric optic

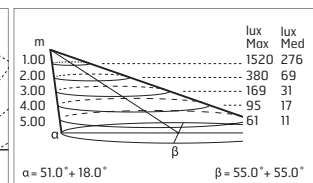
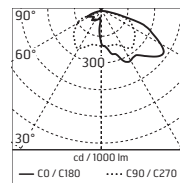
Light Source: Power LED / 67,2W / Total power 78W / CRI>80 / 220÷240V / Integral electronic power supply



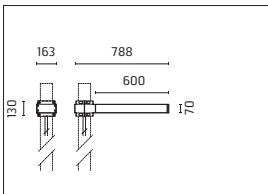
**539144**  
**539144-300** Dimmable Dali  
**539144-310** Dimmable 1-10  
 White 2700K  
 lm LED 7446 ≠ lm OUTPUT 5705

**539162**  
**539162-300** Dimmable Dali  
**539162-310** Dimmable 1-10  
 White 3000K  
 lm LED 8006 ≠ lm OUTPUT 5881

**539180**  
**539180-300** Dimmable Dali  
**539180-310** Dimmable 1-10  
 White 4000K  
 lm LED 8524 ≠ lm OUTPUT 6263



@4000K

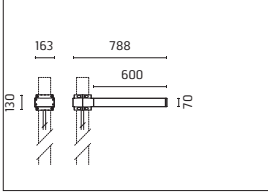


Smart city version on request

IP65

### Dooku600 - Pole Ø 102mm - Single Top Pole - Street Light Optic

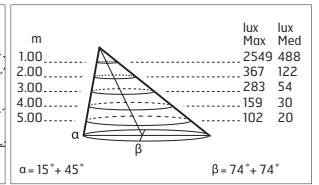
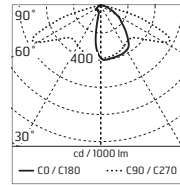
Light Source: Power LED / 67,2W / Total power 78W / CRI >80 / 220÷240V / Integral electronic power supply



**539116**  
**539116-300** Dimmable Dali  
**539116-310** Dimmable 1-10  
 White 2700K  
 lm LED 7446 ≈ lm OUTPUT 5454

**539024**  
**539024-300** Dimmable Dali  
**539024-310** Dimmable 1-10  
 White 3000K  
 lm LED 8006 ≈ lm OUTPUT 5864

**539023**  
**539023-300** Dimmable Dali  
**539023-310** Dimmable 1-10  
 White 4000K  
 lm LED 8524 ≈ lm OUTPUT 6243



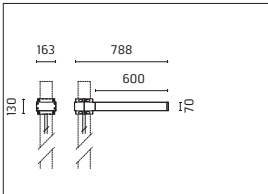
@4000K

Smart city version on request

IP65

### Dooku600 - Pole Ø 102mm - Single Top Pole - Street Light Optic (Foot and Cycle Paths)

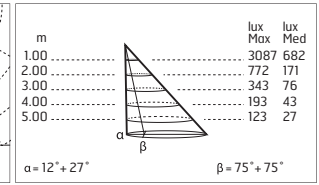
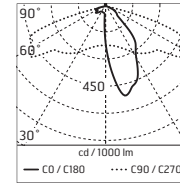
Light Source: Power LED / 67,2W / Total power 78W / CRI >80 / 220÷240V / Integral electronic power supply



**539118**  
**539118-300** Dimmable Dali  
**539118-310** Dimmable 1-10  
 White 2700K  
 lm LED 7446 ≈ lm OUTPUT 5487

**539027**  
**539027-300** Dimmable Dali  
**539027-310** Dimmable 1-10  
 White 3000K  
 lm LED 8006 ≈ lm OUTPUT 5900

**539026**  
**539026-300** Dimmable Dali  
**539026-310** Dimmable 1-10  
 White 4000K  
 lm LED 8524 ≈ lm OUTPUT 6282



@4000K

Smart city version on request

IP65

## Dooku600 - Pole Ø 102mm - Double Top Pole - 120° (Wide Spaces - Public Areas - Parking Areas)

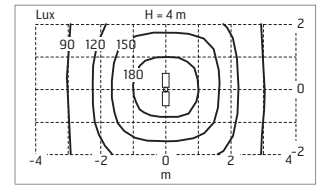
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220±240V / Integral electronic power supply



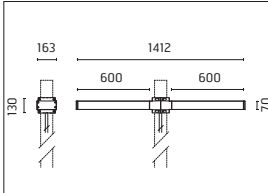
**539120**  
**539120-300** Dimmable Dali  
**539120-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x7446 ≠ lm OUTPUT 2x5893

**539030**  
**539030-300** Dimmable Dali  
**539030-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x8006 ≠ lm OUTPUT 2x6337

**539029**  
**539029-300** Dimmable Dali  
**539029-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x8524 ≠ lm OUTPUT 2x6748



@4000K



Smart city version on request

IP65

## Dooku600 - Pole Ø 102mm - Double Top Pole - Asymmetric optic

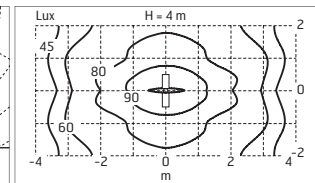
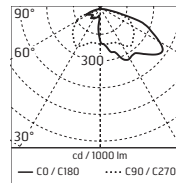
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220±240V / Integral electronic power supply



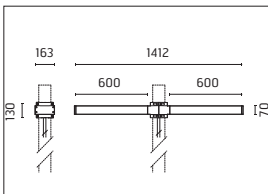
**539146**  
**539146-300** Dimmable Dali  
**539146-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x7446 ≠ lm OUTPUT 2x5705

**539164**  
**539164-300** Dimmable Dali  
**539164-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x8006 ≠ lm OUTPUT 2x5881

**539182**  
**539182-300** Dimmable Dali  
**539182-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x8524 ≠ lm OUTPUT 2x6263



@4000K



Smart city version on request

IP65

**Dooku600 - Pole Ø 102mm - Double Top Pole - Street Light Optic**

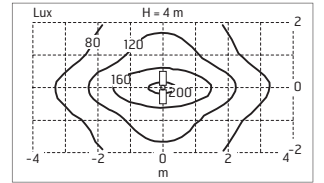
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220÷240V / Integral electronic power supply



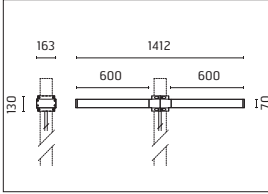
**539122**  
**539122-300** Dimmable Dali  
**539122-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x7446 ≈ lm OUTPUT 2x5454

**539033**  
**539033-300** Dimmable Dali  
**539033-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x8006 ≈ lm OUTPUT 2x5864

**539032**  
**539032-300** Dimmable Dali  
**539032-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x8524 ≈ lm OUTPUT 2x6243



@4000K



Smart city version on request

IP65

**Dooku600 - Pole Ø 102mm - Double Top Pole - Street Light Optic (Foot and Cycle Paths)**

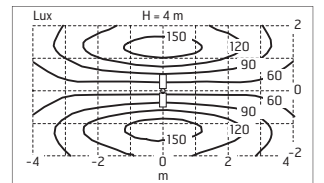
Light Source: Power LED / 2x67,2W / Total power 2x78W / CRI>80 / 220÷240V / Integral electronic power supply



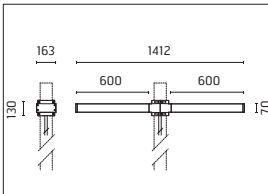
**539124**  
**539124-300** Dimmable Dali  
**539124-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x7446 ≈ lm OUTPUT 2x5487

**539036**  
**539036-300** Dimmable Dali  
**539036-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x8006 ≈ lm OUTPUT 2x5900

**539035**  
**539035-300** Dimmable Dali  
**539035-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x8524 ≈ lm OUTPUT 2x6282



@4000K

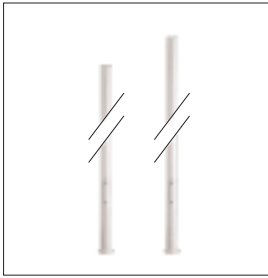


Smart city version on request

IP65



**Dooku / Ø 76mm - Poles**



**248**  
H 3500 mm

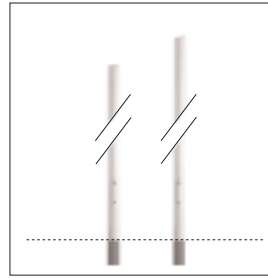
**249**  
H 4500 mm

**With Base and Access Door  
With Terminal Block 4x1,5-16mmq**



.6 Grey

.3 Anthracite



**250**  
H 3500 mm (+500mm)

**251**  
H 4500 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq**

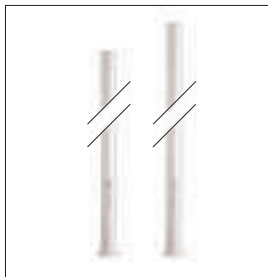


.6 Grey

.3 Anthracite

---

**Dooku / Ø 102mm - Poles**



**4140**  
H 4000 mm

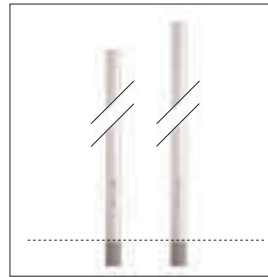
**4150**  
H 5000 mm

**With Base and Access Door  
With Terminal Block 4x1,5-16mmq**



.6 Grey

.3 Anthracite



**4145**  
H 4000 mm (+500mm)

**4155**  
H 5000 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq**

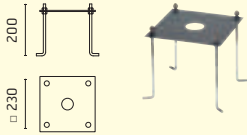


.6 Grey

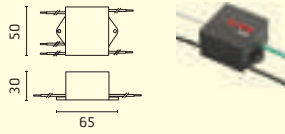
.3 Anthracite

**Accessories: Dooku**

**116**  
BASE PLATE AND FIXING BOLTS  
230 x 230 x H 200mm



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNEX-  
TION - IP66



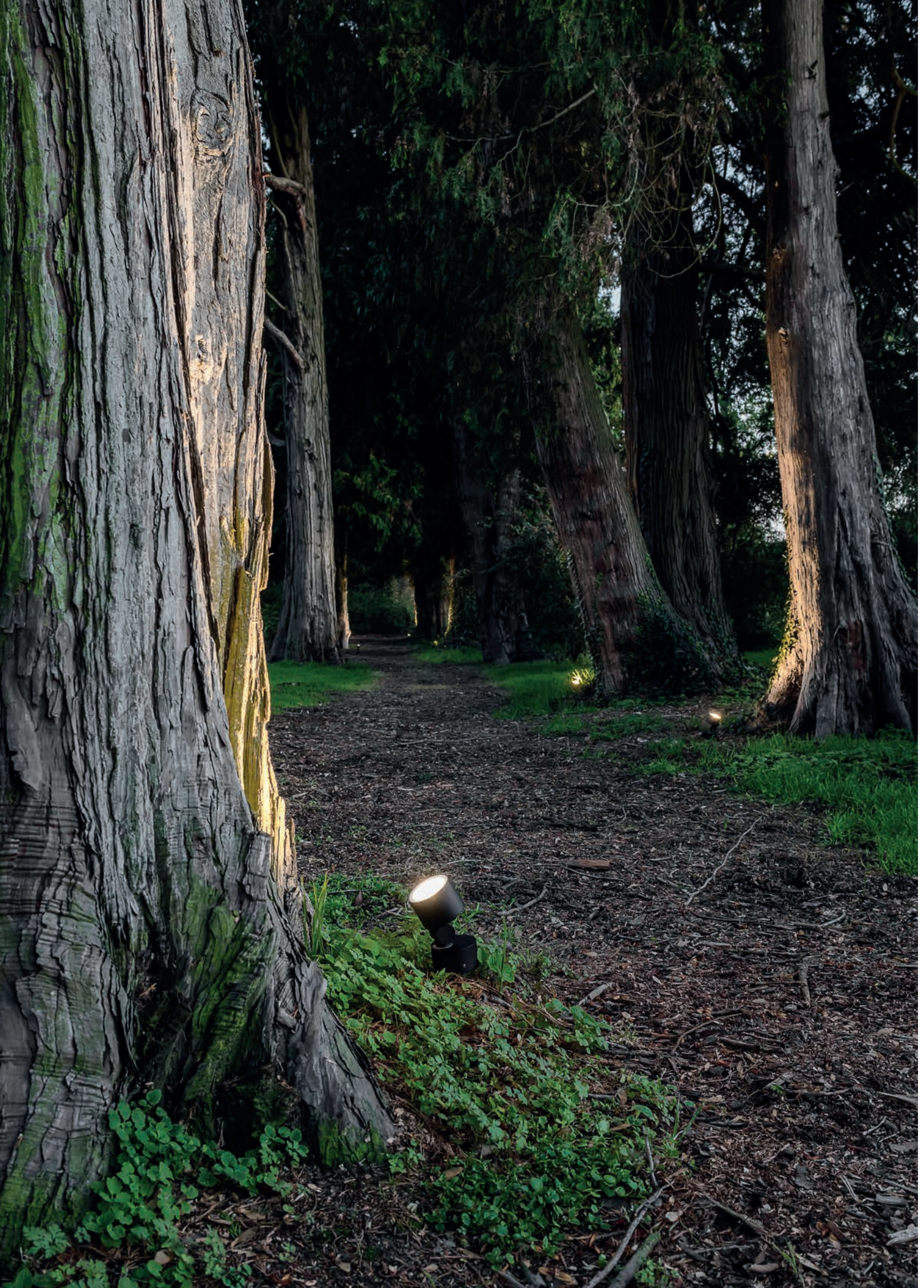
acc. code ▶	116
prod. code ▼	
248	●
249	●
250	
251	
4140	●
4145	
4150	●
4155	

acc. code ▶ prod. code ▼	dimmi DALI	dimmi 1-10	237
539002	-300	-310	●
539003	-300	-310	●
539005	-300	-310	●
539006	-300	-310	●
539008	-300	-310	●
539009	-300	-310	●
539011	-300	-310	●
539012	-300	-310	●
539014	-300	-310	●
539015	-300	-310	●
539017	-300	-310	●
539018	-300	-310	●
539020	-300	-310	●
539021	-300	-310	●
539023	-300	-310	●
539024	-300	-310	●
539026	-300	-310	●
539027	-300	-310	●
539029	-300	-310	●
539030	-300	-310	●
539032	-300	-310	●
539033	-300	-310	●
539035	-300	-310	●
539036	-300	-310	●
539038	-300	-310	●
539039	-300	-310	●
539041	-300	-310	●
539042	-300	-310	●
539044	-300	-310	●
539045	-300	-310	●
539047	-300	-310	●
539048	-300	-310	●
539050	-300	-310	●
539051	-300	-310	●
539053	-300	-310	●
539054	-300	-310	●

acc. code ▶ prod. code ▼	dimmi DALI	dimmi 1-10	237
539056	-300	-310	●
539057	-300	-310	●
539059	-300	-310	●
539060	-300	-310	●
539062	-300	-310	●
539063	-300	-310	●
539065	-300	-310	●
539066	-300	-310	●
539068	-300	-310	●
539069	-300	-310	●
539071	-300	-310	●
539072	-300	-310	●
539074	-300	-310	●
539075	-300	-310	●
539076	-300	-310	●
539078	-300	-310	●
539080	-300	-310	●
539082	-300	-310	●
539084	-300	-310	●
539086	-300	-310	●
539088	-300	-310	●
539090	-300	-310	●
539092	-300	-310	●
539094	-300	-310	●
539096	-300	-310	●
539098	-300	-310	●
539100	-300	-310	●
539102	-300	-310	●
539104	-300	-310	●
539106	-300	-310	●
539108	-300	-310	●
539110	-300	-310	●
539112	-300	-310	●
539114	-300	-310	●
539116	-300	-310	●
539118	-300	-310	●

acc. code ▶ prod. code ▼	dimmi DALI	dimmi 1-10	237
539120	-300	-310	●
539122	-300	-310	●
539124	-300	-310	●
539130	-300	-310	●
539132	-300	-310	●
539134	-300	-310	●
539136	-300	-310	●
539138	-300	-310	●
539140	-300	-310	●
539142	-300	-310	●
539144	-300	-310	●
539146	-300	-310	●
539148	-300	-310	●
539150	-300	-310	●
539152	-300	-310	●
539154	-300	-310	●
539156	-300	-310	●
539158	-300	-310	●
539160	-300	-310	●
539162	-300	-310	●
539164	-300	-310	●
539166	-300	-310	●
539168	-300	-310	●
539170	-300	-310	●
539172	-300	-310	●
539174	-300	-310	●
539176	-300	-310	●
539178	-300	-310	●
539180	-300	-310	●
539182	-300	-310	●







- Adjustable projector for installation on ceiling, wall or floor.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L fixing plate. Glass diffuser: extra clear with silkscreen border, fixed to the aluminium through a robotic gluing system. The wiring unit and the emitting unit are connected by an adjustable junction.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: the luminaire is for direct connection to 220-230V with a LED module set to work directly connected to the mains. The luminaire is equipped with an AISI316L stainless steel fixing plate for installation on surface and IP68 connector (6<math>\times</math>8mm cable). Ground spike available on request.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Floor installation



Wall fitting



Ceiling fitting

Protection against  
impact  
IK 06 - 1,00 joule

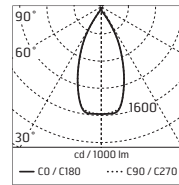


### Kirk70 - Adjustable - 50° - Direct 230V

Light Source: CoB LED / 4,5W / Total power 6W / CRI>80 / 220÷240V

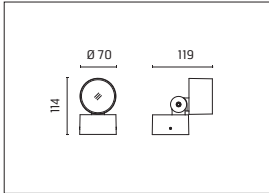


**540001.A**  
White 3000K  
Lm LED 350 ≈ lm OUTPUT 244  
LED module set up to work  
directly connected to the mains



m	lux	
	Max	Med
1.00	339	196
2.00	85	49
3.00	38	22
4.00	21	12
5.00	14	8

$\alpha = 25.0^\circ + 25.0^\circ$        $\beta = 25.0^\circ + 25.0^\circ$



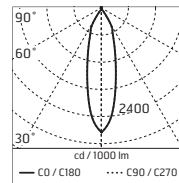
IP65

### Kirk90 - Adjustable - 30° - Direct 230V

Light Source: CoB LED / 10W / Total power 12W / CRI >80 / 220÷240V

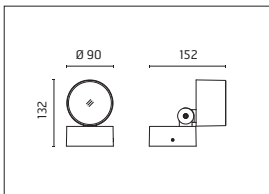


**540002**  
White 3000K  
Lm LED 951 ≈ lm OUTPUT 713  
LED module set up to work  
directly connected to the mains



m	lux	
	Max	Med
1.00	1977	1195
2.00	494	299
3.00	220	133
4.00	124	75
5.00	79	48

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$



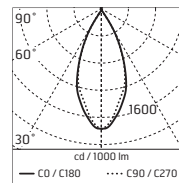
IP65

### Kirk120 - Adjustable - 40° - Direct 230V

Light Source: CoB LED / 22W / Total power 24W / CRI >80 / 220÷240V

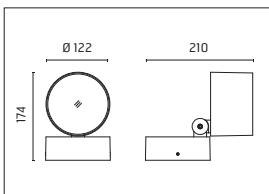


**540003**  
White 3000K  
Lm LED 2303 ≈ lm OUTPUT 1610  
LED module set up to work  
directly connected to the mains

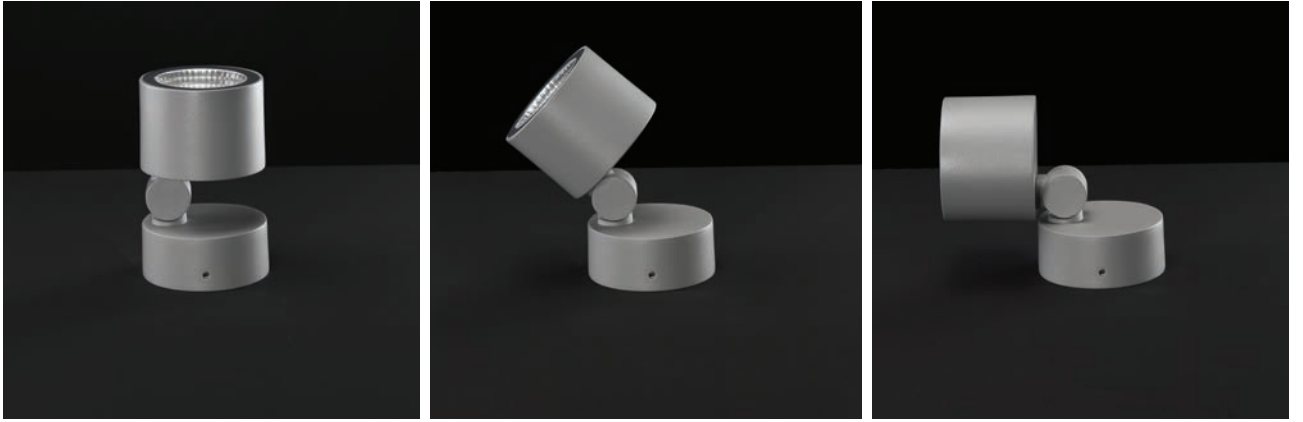


m	lux	
	Max	Med
1.00	2849	1592
2.00	712	398
3.00	317	177
4.00	178	100
5.00	114	64

$\alpha = 20.0^\circ + 20.0^\circ$        $\beta = 20.0^\circ + 20.0^\circ$



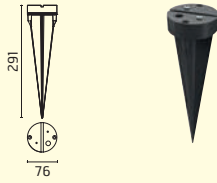
IP65



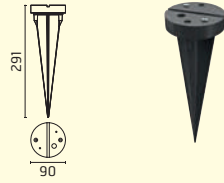


## Accessories: Kirk

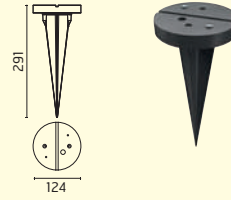
**264**  
GROUND SPIKE - Ø 70mm



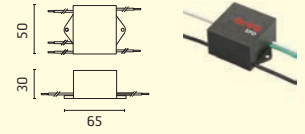
**266**  
GROUND SPIKE - Ø 90mm



**268**  
GROUND SPIKE - Ø 130mm



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT 10KA  
(8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION  
- IP66



acc. code ▶	264	266	268	237
prod. code ▼				
540001.A	•			•
540002		•		•
540003			•	•





- Adjustable projector for installation on ceiling, wall or floor.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 316L stainless steel fixing bracket. Glass diffuser: extra clear with silkscreen border, fixed through a robotic gluing system. The luminaire has three connected parts: wiring unit (silicone gasket), heat sink and emitting unit (silicone glue). A graduated fixing plate allows a precise adjustment of the emitting unit.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with 1000mm of cable for an easy-to-make connection.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown

\*AISI 316L stainless steel fixing bracket not painted.



Floor installation



Wall fitting



Ceiling fitting



Pre-wired with approx  
1000mm of cable



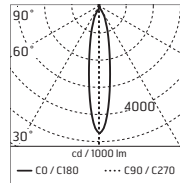
Protection against  
impact  
IK 07 -2,00 joule

### Spock75 - Adjustable - 20°

Light Source: CoB LED / 9W / Total power 12W / CRI>80 / 220÷240V / Integral electronic power supply



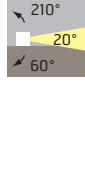
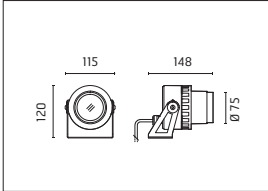
- 541023**  
White 2700K  
Lm LED 1005 ≈ Lm OUTPUT 725
- 541003**  
White 3000K  
Lm LED 1081 ≈ Lm OUTPUT 780
- 541002**  
White 4000K  
Lm LED 1124 ≈ Lm OUTPUT 811



m	lux	
	Max	Med
1.00	3816	2357
2.00	954	589
3.00	424	262
4.00	239	147
5.00	153	94

α = 10.0° + 10.0°      β = 10.0° + 10.0°

@4000K



Dimmable on request

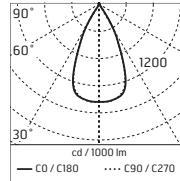


### Spock75 - Adjustable - 50°

Light Source: CoB LED / 9W / Total power 12W / CRI>80 / 220÷240V / Integral electronic power supply



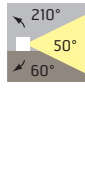
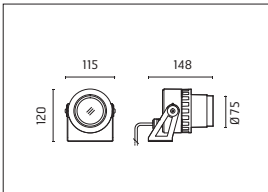
- 541026**  
White 2700K  
Lm LED 1005 ≈ Lm OUTPUT 697
- 541006**  
White 3000K  
Lm LED 1081 ≈ Lm OUTPUT 749
- 541005**  
White 4000K  
Lm LED 1124 ≈ Lm OUTPUT 778



m	lux	
	Max	Med
1.00	1132	687
2.00	283	172
3.00	126	76
4.00	71	43
5.00	45	27

α = 25.0° + 25.0°      β = 25.0° + 25.0°

@4000K



Dimmable on request

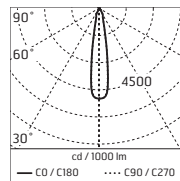


### Spock95 - Adjustable - 20°

Light Source: CoB LED / 24W / Total power 29W / CRI>80 / 220÷240V / Integral electronic power supply



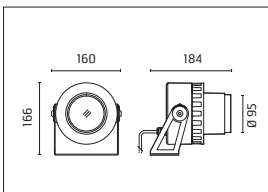
- 541028**  
White 2700K  
Lm LED 3022 ≈ Lm OUTPUT 2141
- 541008**  
White 3000K  
Lm LED 3249 ≈ Lm OUTPUT 2302
- 541007**  
White 4000K  
Lm LED 3408 ≈ Lm OUTPUT 2415



m	lux	
	Max	Med
1.00	10409	6559
2.00	2602	1640
3.00	1157	729
4.00	651	410
5.00	416	262

α = 10.0° + 10.0°      β = 10.0° + 10.0°

@4000K



Dimmable on request



### Spock95 CoB LED - Adjustable - 40°

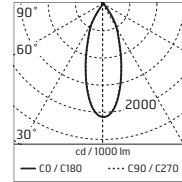
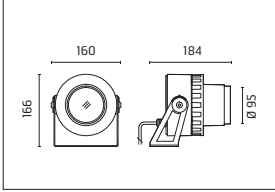
Light Source: CoB LED / 24W / Total power 29W / CRI>80 / 220÷240V / Integral electronic power supply



**541030**  
White 2700K  
Lm LED 3022 ≠ Lm OUTPUT 2153

**541010**  
White 3000K  
Lm LED 3249 ≠ Lm OUTPUT 2315

**541009**  
White 4000K  
Lm LED 3408 ≠ Lm OUTPUT 2428



m	lux	
	Max	Med
1.00	5156	3044
2.00	1289	761
3.00	573	338
4.00	322	190
5.00	206	122

$\alpha = 20.0^\circ + 20.0^\circ$        $\beta = 20.0^\circ + 20.0^\circ$

@4000K

Dimmable on request

IP66

### Spock130 CoB LED - Adjustable - 20°

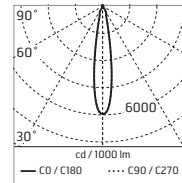
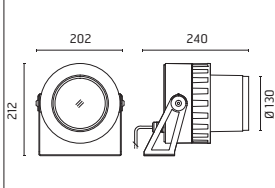
Light Source: CoB LED / 45W / Total power 52W / CRI>80 / 220÷240V / Integral electronic power supply



**541032**  
White 2700K  
Lm LED 5408 ≠ Lm OUTPUT 4059

**541012**  
White 3000K  
Lm LED 5815 ≠ Lm OUTPUT 4365

**541011**  
White 4000K  
Lm LED 5963 ≠ Lm OUTPUT 4477



m	lux	
	Max	Med
1.00	26888	17059
2.00	6722	4265
3.00	2988	1895
4.00	1680	1066
5.00	1076	682

$\alpha = 10.0^\circ + 10.0^\circ$        $\beta = 10.0^\circ + 10.0^\circ$

@4000K

Dimmable on request

IP66

### Spock130 CoB LED - Adjustable - 45°

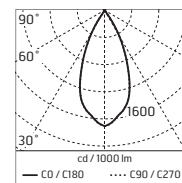
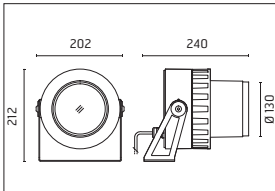
Light Source: CoB LED / 45W / Total power 52W / CRI>80 / 220÷240V / Integral electronic power supply



**541034**  
White 2700K  
Lm LED 5408 ≠ Lm OUTPUT 3981

**541014**  
White 3000K  
Lm LED 5815 ≠ Lm OUTPUT 4281

**541013**  
White 4000K  
Lm LED 5963 ≠ Lm OUTPUT 4390



m	lux	
	Max	Med
1.00	7564	4354
2.00	1891	1089
3.00	840	484
4.00	473	272
5.00	303	174

$\alpha = 23.0^\circ + 23.0^\circ$        $\beta = 23.0^\circ + 23.0^\circ$

@4000K

Dimmable on request

IP66

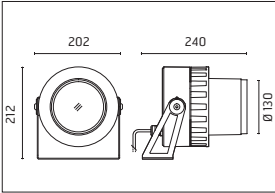


### Spock130 CoB LED TUNABLE WHITE DALI - Adjustable - 20° - Micro-texturized glass

Light Source: CoB LED / 31W / Total power 38W / CRI>80 / 120-240V / Integral electronic DALI power supply



**541100**  
Tunable White 2700K ÷ 5700K  
Lm LED 2840 ≠ Lm OUTPUT 2200



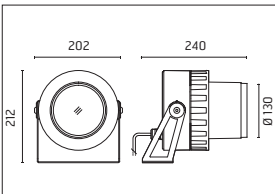
IP66   

### Spock130 CoB LED TUNABLE WHITE DALI - Adjustable - 40° - Micro-texturized glass

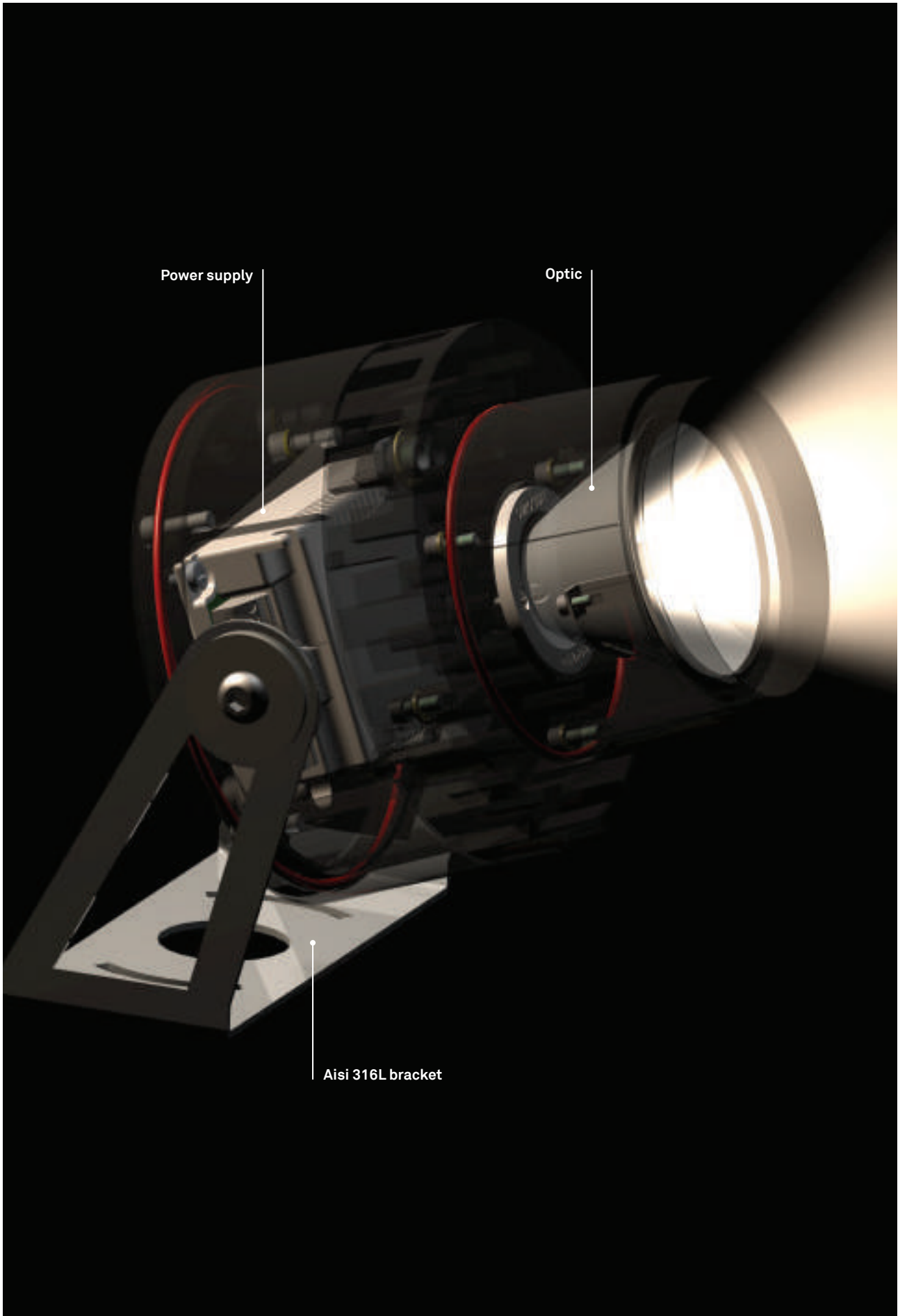
Light Source: CoB LED / 31W / Total power 38W / CRI>80 / 120-240V / Integral electronic DALI power supply



**541102**  
Tunable White 2700K ÷ 5700K  
Lm LED 2840 ≠ Lm OUTPUT 2250



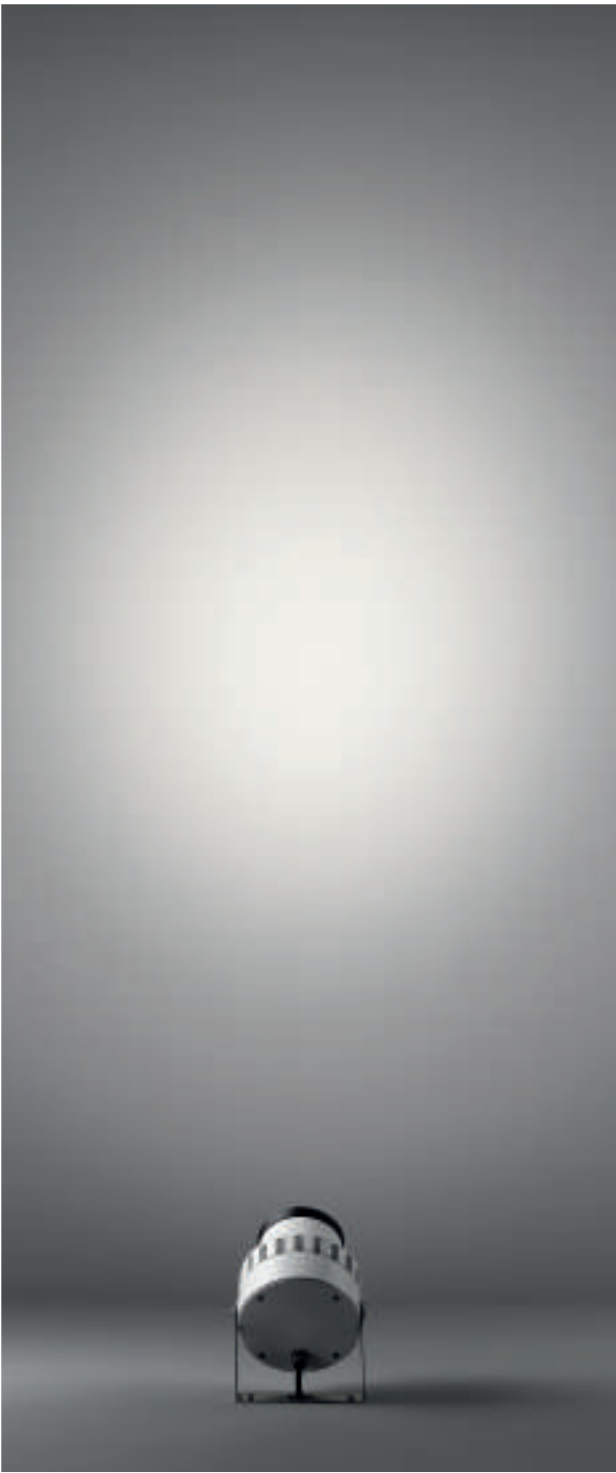
IP66   



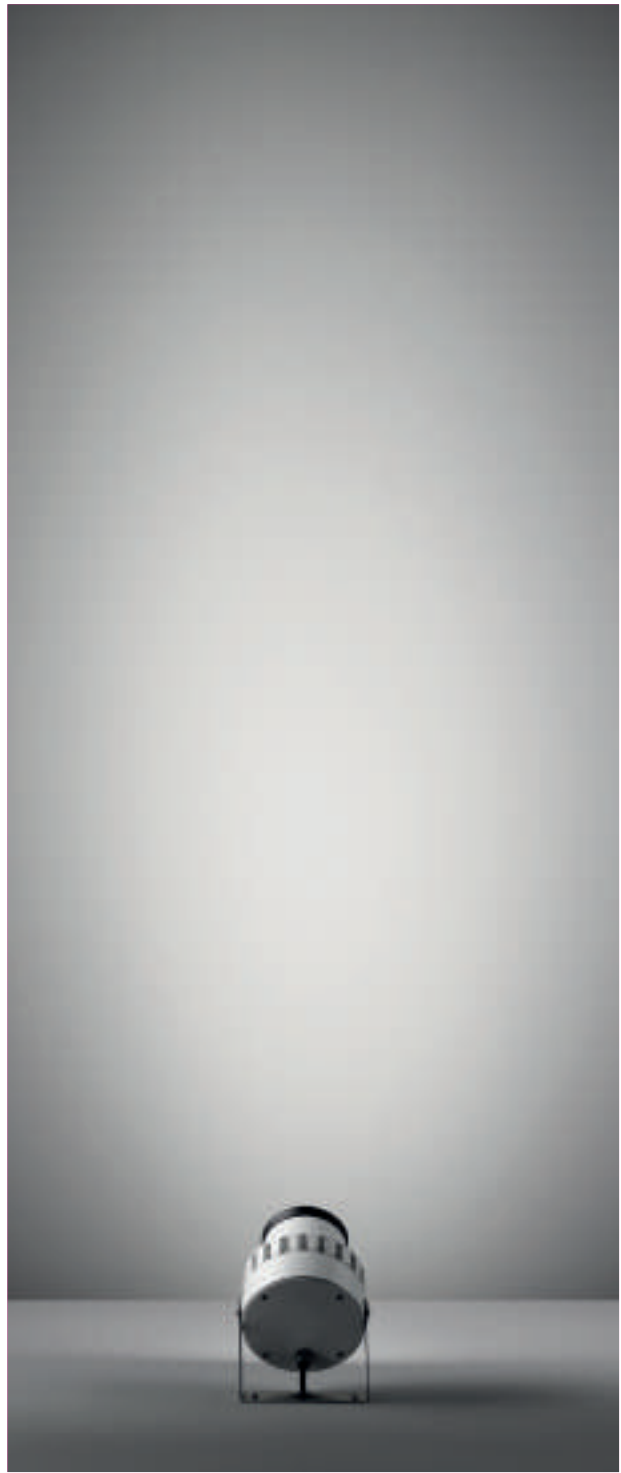
Power supply

Optic

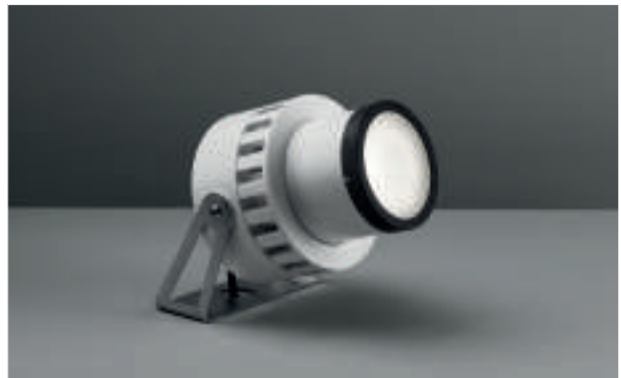
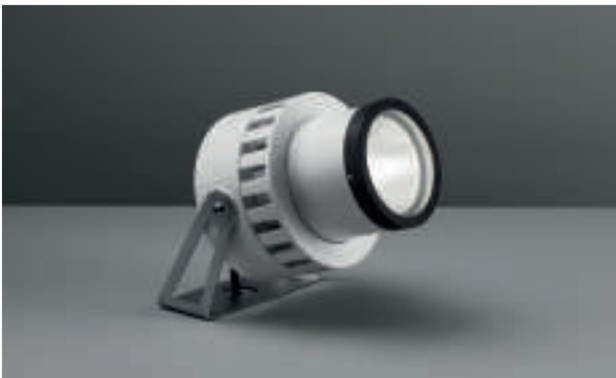
Aisi 316L bracket

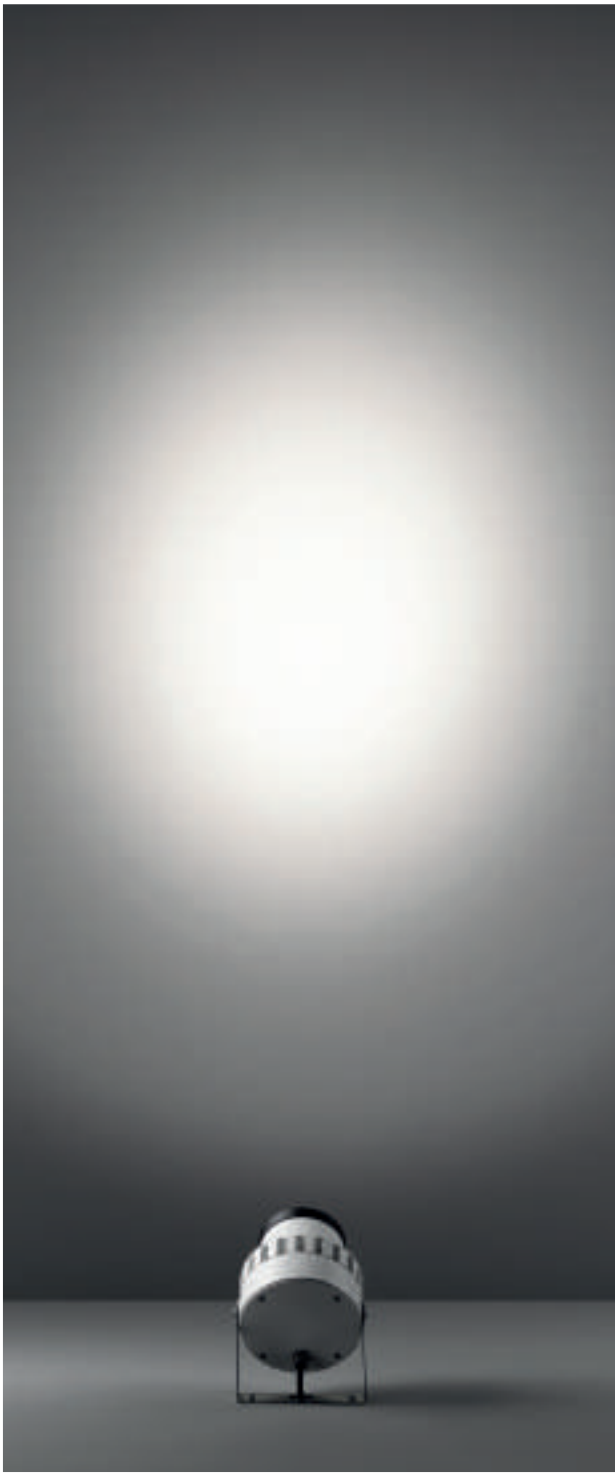


SPOCK + "FLOOD DIFFUSER"

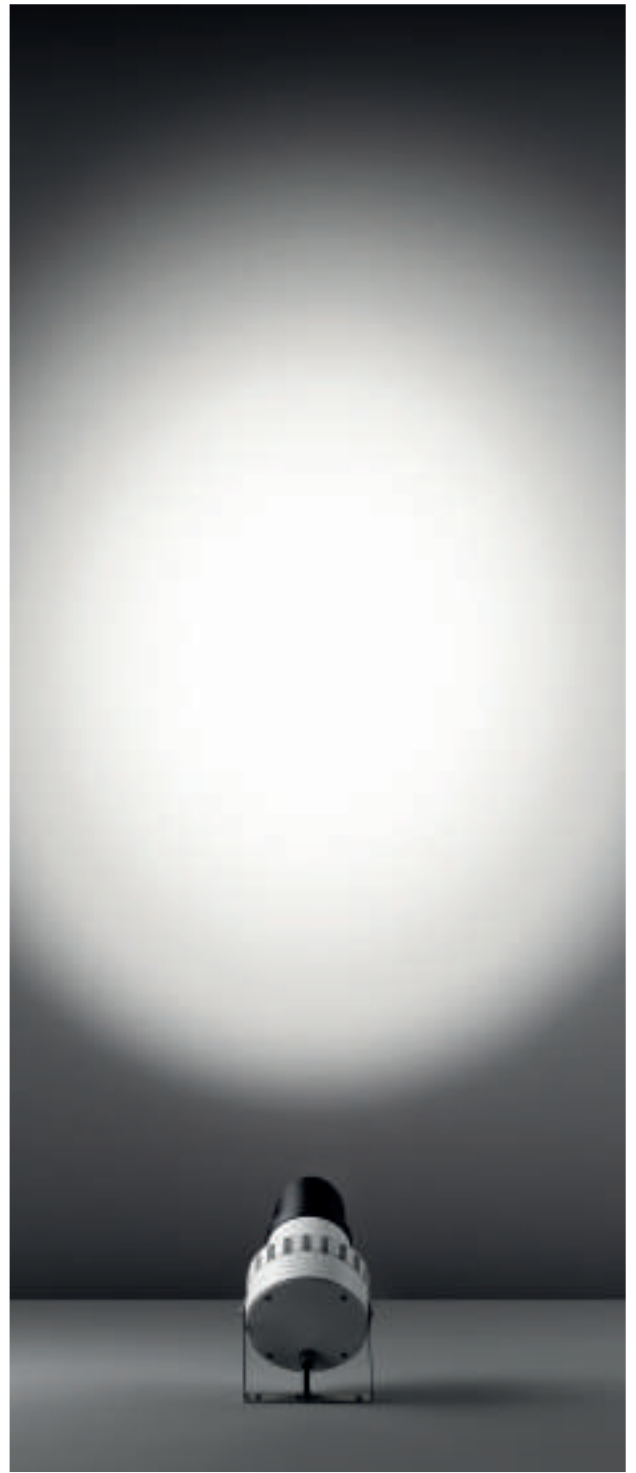


SPOCK + "ELLIPTICAL LENS"

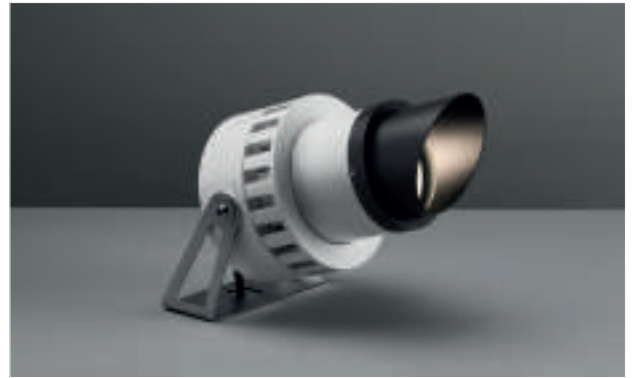




SPOCK + "ANTI-GLARE LOUVRE"



SPOCK + "VISOR"











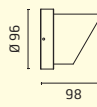
Accessories: Spock



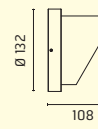
**205**  
VISOR Ø 75



**206**  
VISOR Ø 95



**207**  
VISOR Ø 130



**208**  
FLOOD DIFFUSER Ø 75



**209**  
FLOOD DIFFUSER Ø 95



**210**  
FLOOD DIFFUSER Ø 130



**211**  
ANTI-GLARE LOUVRE Ø 75



**212**  
ANTI-GLARE LOUVRE Ø 95



**213**  
ANTI-GLARE LOUVRE Ø 130



**261**  
ELLIPTICAL LENS Ø 75



**262**  
ELLIPTICAL LENS Ø 95

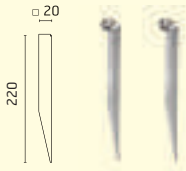


**263**  
ELLIPTICAL LENS Ø 130

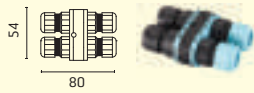


**Accessories: Spock**

**203**  
KIT OF 2 GROUND SPIKES - H 220mm



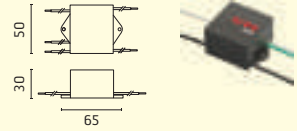
**215**  
3/4 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)



**236**  
2 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNEC-  
TION - IP66



acc. code ▶	205	206	207	208	209	210	211	212	213	203	215	236	237	261	262	263
541002	•			•			•			•	•	•	•	•		
541003	•			•			•			•	•	•	•	•		
541005	•			•			•			•	•	•	•	•		
541006	•			•			•			•	•	•	•	•		
541007		•			•			•		•	•	•	•		•	
541008		•			•			•		•	•	•	•		•	
541009		•			•			•		•	•	•	•		•	
541010		•			•			•		•	•	•	•		•	
541011			•			•			•	•	•	•	•			•
541012			•			•			•	•	•	•	•			•
541013			•			•			•	•	•	•	•			•
541014			•			•			•	•	•	•	•			•
541023	•			•			•			•	•	•	•	•		
541026	•			•			•			•	•	•	•	•		
541028		•			•			•		•	•	•	•		•	
541030		•			•			•		•	•	•	•		•	
541032			•			•			•	•	•	•	•			•
541034			•			•			•	•	•	•	•			•
541100			•			•			•	•	•	•	•			•
541102			•			•			•	•	•	•	•			•





- Adjustable projector for installation on wall, ceiling or floor.
- Configuration: turned aluminium body (EN AW 6060) and AISI 316L stainless steel fixing bracket. Glass diffuser: extra clear with silkscreen border, fixed to the body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: III
- Installation: the luminaire is supplied with 2000 mm neoprene cable for an easy-to-make connection. It is equipped with a dc / dc highly efficient resin-coated converter that removes electromagnetic interference and allows parallel wiring and is protected against polarity reversal and sudden voltage peak. The version on pole is equipped with a 2-way terminal block for 3-conductor cables – H<sub>2</sub>O STOP.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874 / 2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



\*AISI 316L stainless steel fixing bracket not painted; pole and wall bracket versions with AISI 316L stainless steel bracket painted.



Floor installation



Ceiling fitting



Wall fitting



Pre-wired with approx 2000mm of cable.



Protection against water ingress from the cable  
Only for IOTA on Pole



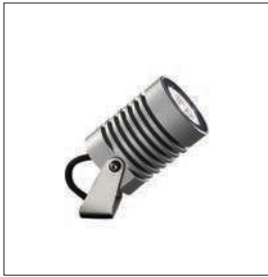
Protection against impact.  
IK 05 - 0,70 joule



Remote device required.

### Iota - Adjustable - 10°

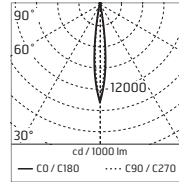
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**513080**  
White 2700K  
Lm LED 169 ≠ Lm OUTPUT 118

**513033**  
White 3000K  
Lm LED 182 ≠ Lm OUTPUT 127

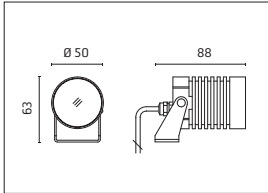
**513002**  
White 4000K  
Lm LED 198 ≠ Lm OUTPUT 138



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$        $\beta = 5.0^\circ + 5.0^\circ$

@4000K



Dimmable on request

IP65

### Iota - Adjustable - 30°

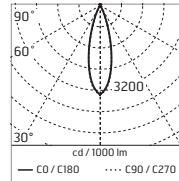
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**513082**  
White 2700K  
Lm LED 169 ≠ Lm OUTPUT 106

**513013**  
White 3000K  
Lm LED 182 ≠ Lm OUTPUT 114

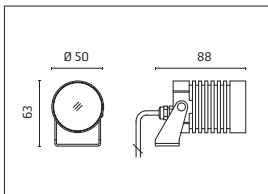
**513012**  
White 4000K  
Lm LED 198 ≠ Lm OUTPUT 125



m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$

@4000K



Dimmable on request

IP65

### Iota - Adjustable - 10°

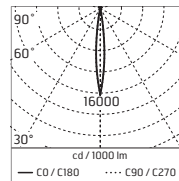
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**513084**  
White 2700K  
Lm LED 307 ≠ Lm OUTPUT 219

**513023**  
White 3000K  
Lm LED 330 ≠ Lm OUTPUT 236

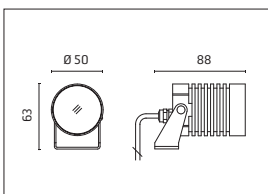
**513022**  
White 4000K  
Lm LED 360 ≠ Lm OUTPUT 258



m	lux	
	Max	Med
1.00	4368	2691
2.00	1092	673
3.00	485	299
4.00	273	168
5.00	175	108

$\alpha = 5.0^\circ + 5.0^\circ$        $\beta = 5.0^\circ + 5.0^\circ$

@4000K

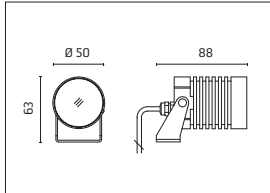


Dimmable on request

IP65

**Iota - Adjustable - 30°**

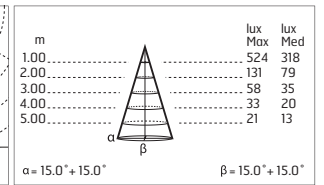
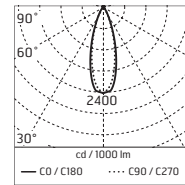
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**513086**  
White 2700K  
Lm LED 307 ≈ Lm OUTPUT 176

**513033**  
White 3000K  
Lm LED 330 ≈ Lm OUTPUT 189

**513032**  
White 4000K  
Lm LED 360 ≈ Lm OUTPUT 207



@4000K

Dimmable on request

IP65



**Iota - Pole H.500 mm - Adjustable - 10°**

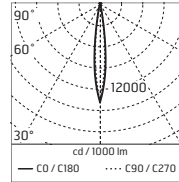
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**513088**  
White 2700K  
Lm LED 169 ≠ Lm OUTPUT 118

**513036**  
White 3000K  
Lm LED 182 ≠ Lm OUTPUT 127

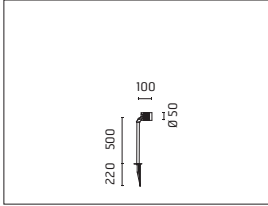
**513035**  
White 4000K  
Lm LED 198 ≠ Lm OUTPUT 138



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$        $\beta = 5.0^\circ + 5.0^\circ$

@4000K



Dimmable on request

IP65

**Iota - Pole H.500 mm - Adjustable - 30°**

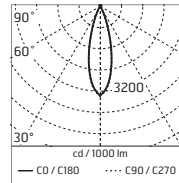
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**513090**  
White 2700K  
Lm LED 169 ≠ Lm OUTPUT 106

**513039**  
White 3000K  
Lm LED 182 ≠ Lm OUTPUT 114

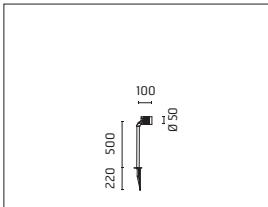
**513038**  
White 4000K  
Lm LED 198 ≠ Lm OUTPUT 125



m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$

@4000K



Dimmable on request

IP65

**Iota - Pole H.900 mm - Adjustable - 10°**

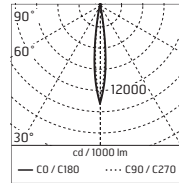
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**513092**  
White 2700K  
Lm LED 169 ≠ Lm OUTPUT 118

**513048**  
White 3000K  
Lm LED 182 ≠ Lm OUTPUT 127

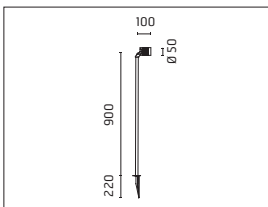
**513047**  
White 4000K  
Lm LED 198 ≠ Lm OUTPUT 138



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$        $\beta = 5.0^\circ + 5.0^\circ$

@4000K



Dimmable on request

IP65

**Iota - Pole H.900 mm - Adjustable - 30°**

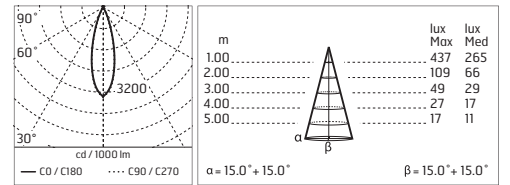
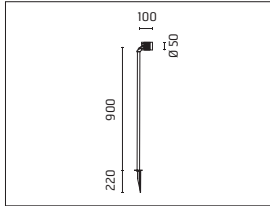
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**513094**  
White 2700K  
Lm LED 169 ≈ Lm OUTPUT 106

**513051**  
White 3000K  
Lm LED 182 ≈ Lm OUTPUT 114

**513050**  
White 4000K  
Lm LED 198 ≈ Lm OUTPUT 125



Dimmable on request

IP65

### Iota - Wall Bracket L.500 mm - Adjustable - 10°

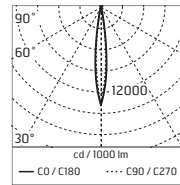
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**513096**  
White 2700K  
Lm LED 169 ≠ Lm OUTPUT 118

**513060**  
White 3000K  
Lm LED 182 ≠ Lm OUTPUT 127

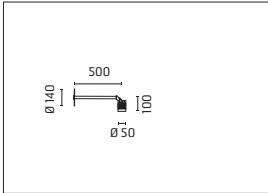
**513059**  
White 4000K  
Lm LED 198 ≠ Lm OUTPUT 138



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$        $\beta = 5.0^\circ + 5.0^\circ$

@4000K



Dimmable on request

IP65

### Iota - Wall Bracket L.500 mm - Adjustable - 30°

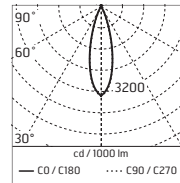
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**513098**  
White 2700K  
Lm LED 169 ≠ Lm OUTPUT 106

**513063**  
White 3000K  
Lm LED 182 ≠ Lm OUTPUT 114

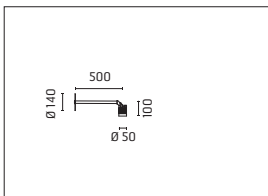
**513062**  
White 4000K  
Lm LED 198 ≠ Lm OUTPUT 125



m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$

@4000K



Dimmable on request

IP65

### Iota - Wall Bracket L.900 mm - Adjustable - 10°

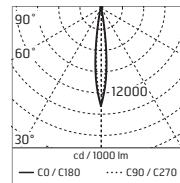
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**513100**  
White 2700K  
Lm LED 169 ≠ Lm OUTPUT 118

**513066**  
White 3000K  
Lm LED 182 ≠ Lm OUTPUT 127

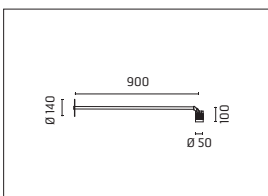
**513065**  
White 4000K  
Lm LED 198 ≠ Lm OUTPUT 138



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$        $\beta = 5.0^\circ + 5.0^\circ$

@4000K



Dimmable on request

IP65

**Iota - Wall Bracket L.900 mm - Adjustable - 30°**

Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



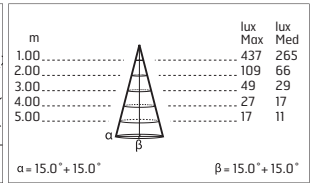
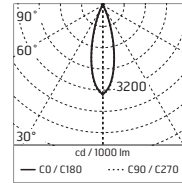
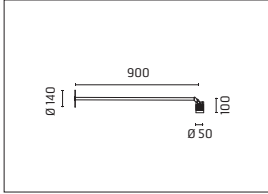
**513102**  
White 2700K  
Lm LED 169 ± Lm OUTPUT 106



**513069**  
White 3000K  
Lm LED 182 ± Lm OUTPUT 114



**513068**  
White 4000K  
Lm LED 198 ± Lm OUTPUT 125



@4000K

Dimmable on request

IP65



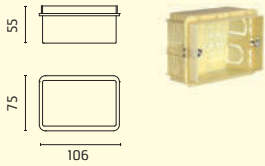




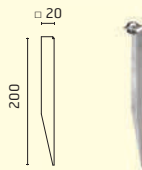


**Accessories: Iota**

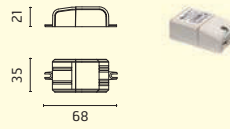
**105**  
3 MODULES RECESSED BOX  
106 x 75 H 55mm



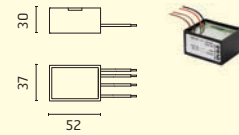
**136**  
GROUND SPIKE - H 200mm



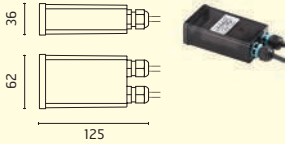
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W / 100±240V  
Iout 350mA: 6x1W / 100±240V  
IP20 CLASS II SELV EQ.



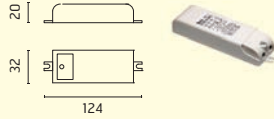
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W / 100±240V  
Iout 350mA: 6x1W / 100±240V  
IP65 CLASS II SELV EQ.



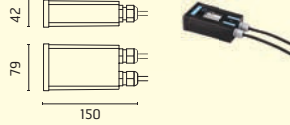
**235**  
POWER SUPPLY 8W / 110±240V -  
24Vdc  
IP67 CLASS II SELV EQ.



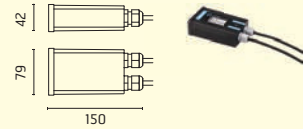
**87**  
POWER SUPPLY 10W / 110±240V -  
24Vdc IP20 CLASS II SELV.



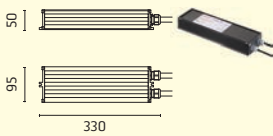
**175**  
POWER SUPPLY 10W / 110±240V -  
24Vdc  
IP67 CLASS II SELV.



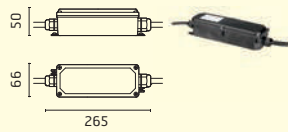
**147**  
POWER SUPPLY 20W / 220±240V -  
24Vdc IP67 CLASS II SELV.



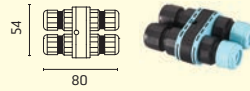
**155**  
POWER SUPPLY 50W / 120±240V -  
24Vdc  
IP67 CLASS II SELV.



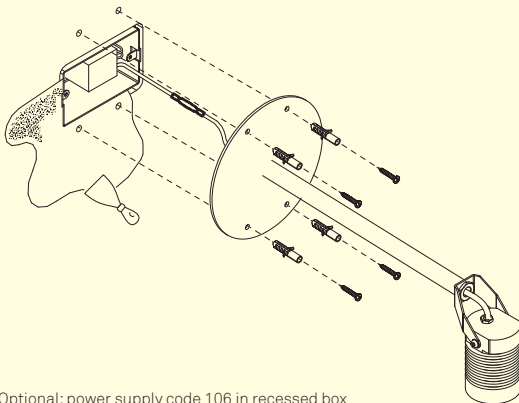
**110**  
POWER SUPPLY 70W / 220±240V -  
24Vdc  
IP67 CLASS II SELV EQ.



**215**  
3 / 4 WAY TERMINAL BLOCK 4 POLES  
IP68 H2O STOP (Ø5,5±12mm CABLE)



Iota wall bracket with box cod.105



Optional: power supply code 106 in recessed box

Accessories: Iota

acc. code ▶ prod. code ▼	105	136	150	106	235	87	175	147	155	110	215
513002		•	1	1		2	2	3	9	17	
513003		•	1	1		2	2	3	9	17	
513012		•	1	1		2	2	3	9	17	
513013		•	1	1		2	2	3	9	17	
513022		•	1	1		2	2		7	14	
513023		•	1	1		2	2		7	14	
513032		•	1	1		2	2		7	14	
513033		•	1	1		2	2		7	14	
513035					1			3	9	17	•
513036					1			3	9	17	•
513038					1			3	9	17	•
513039					1			3	9	17	•
513047					1			3	9	17	•
513048					1			3	9	17	•
513050					1			3	9	17	•
513051					1			3	9	17	•
513059	•		1	1				3	9	17	
513060	•		1	1				3	9	17	
513062	•		1	1				3	9	17	
513063	•		1	1				3	9	17	
513065	•		1	1				3	9	17	
513066	•		1	1				3	9	17	
513068	•		1	1				3	9	17	
513069	•		1	1				3	9	17	
513080		•	1	1		2	2	3	9	17	
513082		•	1	1		2	2	3	9	17	
513084		•	1	1		2	2		7	14	
513086		•	1	1		2	2		7	14	
513088		•	1	1		2	2	3	9	17	•
513090		•	1	1		2	2	3	9	17	•
513092		•	1	1		2	2	3	9	17	•
513094		•	1	1		2	2	3	9	17	•
513096	•		1	1				3	9	17	
513098	•		1	1				3	9	17	
513100	•		1	1				3	9	17	
513102	•		1	1				3	9	17	

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.





КОСМОС

МЕХАНИЗАЦИЯ И ЭЛЕКТРИФИКАЦИЯ

СВЯДСКОГО ХОЗЯЙСТВА

- Adjustable projector for installation on wall, on pole/ bracket or on floor.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: extra-clear or sandblasted.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: II
- Installation: the luminaire is equipped with 700mm cable for an easy-to-make connection. The bracket / pole is supplied with a 2-way terminal block for 3-conductor cables – IP68.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

**A++**  
**A+**  
**A**

**LED VERSION:**  
Class A / A+ / A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



Floor installation



Wall fitting



Installation on pole



Pre-wired with approx  
700mm of cable.



Protection against  
impact.  
IK 05 - 0,70 joule



### Perseo4 - Transparent Glass - Adjustable - 8°

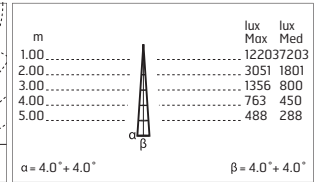
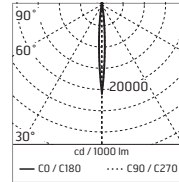
Light Source: Power LED / 4,4W / Total power 7W / CRI>80 / 100±240V / Integral electronic power supply



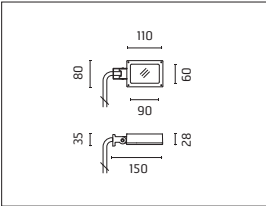
**525140**  
White 2700K  
Lm LED 398 ≠ Lm OUTPUT 373

**525013**  
White 3000K  
Lm LED 428 ≠ Lm OUTPUT 401

**525012**  
White 4000K  
Lm LED 456 ≠ Lm OUTPUT 427



@4000K



IP65

### Perseo4 - Transparent Glass - Adjustable - 40°

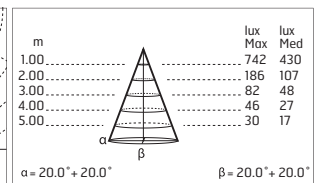
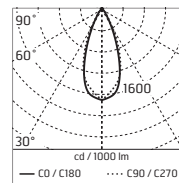
Light Source: Power LED / 4,4W / Total power 7W / CRI>80 / 100±240V / Integral electronic power supply



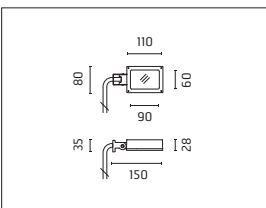
**525142**  
White 2700K  
Lm LED 398 ≠ Lm OUTPUT 332

**525023**  
White 3000K  
Lm LED 428 ≠ Lm OUTPUT 357

**525022**  
White 4000K  
Lm LED 456 ≠ Lm OUTPUT 381



@4000K



IP65

### Perseo4 - Adjustable - Sandblasted Glass - Diffused Light

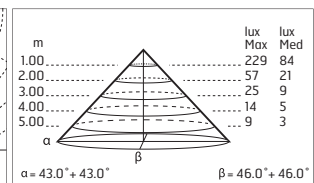
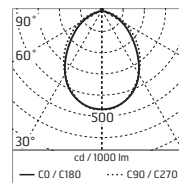
Light Source: Mid-Power LED / 6,6W / Total power 9W / CRI>80 / 100±240V / Integral electronic power supply



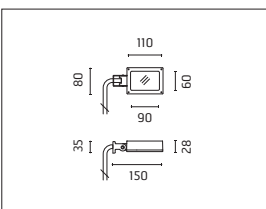
**525144**  
White 2700K  
Lm LED 836 ≠ Lm OUTPUT 435

**525003**  
White 3000K  
Lm LED 899 ≠ Lm OUTPUT 468

**525002**  
White 4000K  
Lm LED 943 ≠ Lm OUTPUT 491

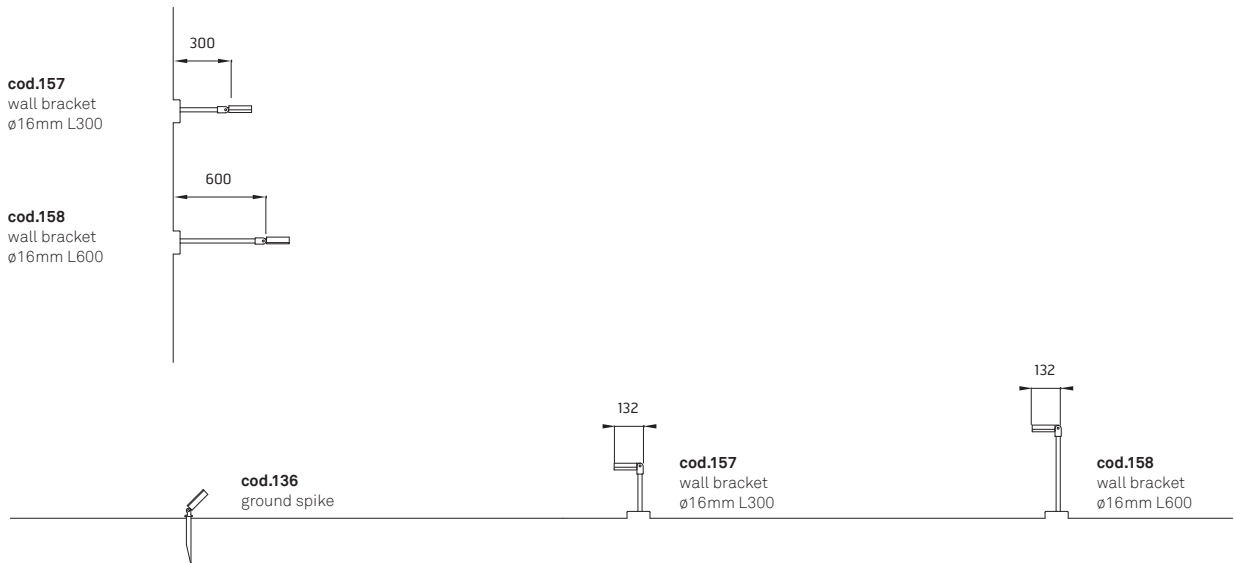


@4000K



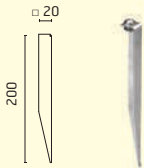
IP65

## Installation scheme: Perseo4

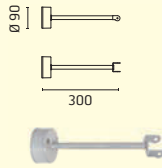


## Accessories: Perseo4

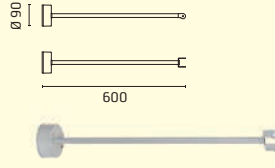
**136**  
GROUND SPIKE - H 200mm



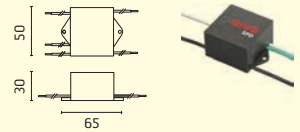
**157**  
WALL BRACKET / POLE 300mm



**158**  
WALL BRACKET / POLE 600mm



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8 / 20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNEC-  
TION - IP66



acc. code ▶	136	157	158	237
prod. code ▼				
525002	•	•	•	•
525003	•	•	•	•
525012	•	•	•	•
525013	•	•	•	•
525022	•	•	•	•
525023	•	•	•	•
525140	•	•	•	•
525142	•	•	•	•
525144	•	•	•	•







- Adjustable projector for installation on wall, on pole / bracket or on floor.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: extra-clear or sandblasted, fixed to the aluminium frame through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: the luminaire is equipped with 2000mm cable for an easy-to-make connection. The bracket / pole is supplied with a 2-way terminal block for 3-conductor cables – IP68.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A / A+ / A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



Floor installation



Wall fitting



Installation on pole



Pre-wired with approx  
2000mm of cable.



Protection against  
impact.  
IK 06 - 1,00 joule

### Perseo9 - Transparent Glass - Adjustable - 13°

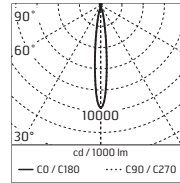
Light Source: Power LED / 9,9W / Total power 12W / CRI>80 / 220÷240V / Integral electronic power supply



**525146.A**  
White 2700K  
Lm LED 1256 ≠ Lm OUTPUT 866

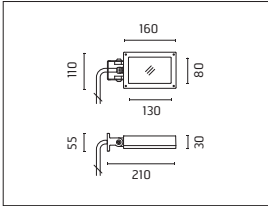
**525043.A**  
White 3000K  
Lm LED 1395 ≠ Lm OUTPUT 963

**525042.A**  
White 4000K  
Lm LED 1247 ≠ Lm OUTPUT 984



m	lux	
	Max	Med
1.00	9141	5846
2.00	2285	1461
3.00	1016	650
4.00	571	365
5.00	366	234

@4000K



IP65

### Perseo9 - Transparent Glass - Adjustable - 42°

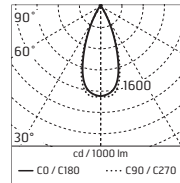
Light Source: Power LED / 9,9W / Total power 12W / CRI>80 / 220÷240V / Integral electronic power supply



**525148.A**  
White 2700K  
Lm LED 1256 ≠ Lm OUTPUT 745

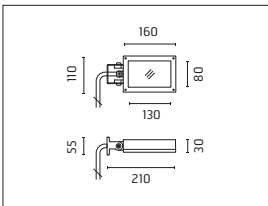
**525053.A**  
White 3000K  
Lm LED 1395 ≠ Lm OUTPUT 828

**525052.A**  
White 4000K  
Lm LED 1247 ≠ Lm OUTPUT 846



m	lux	
	Max	Med
1.00	1636	987
2.00	409	247
3.00	182	110
4.00	102	62
5.00	65	39

@4000K



IP65

### Perseo9 - Adjustable - Sandblasted Glass - Diffused Light

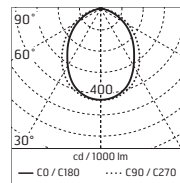
Light Source: Mid-Power LED / 8,8W / Total power 11W / CRI>80 / 220÷240V / Integral electronic power supply



**525150**  
White 2700K  
Lm LED 1114 ≠ Lm OUTPUT 580

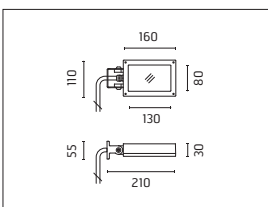
**525033**  
White 3000K  
Lm LED 1198 ≠ Lm OUTPUT 624

**525032**  
White 4000K  
Lm LED 1258 ≠ Lm OUTPUT 655



m	lux	
	Max	Med
1.00	282	94
2.00	70	23
3.00	31	10
4.00	18	6
5.00	11	4

@4000K



IP65

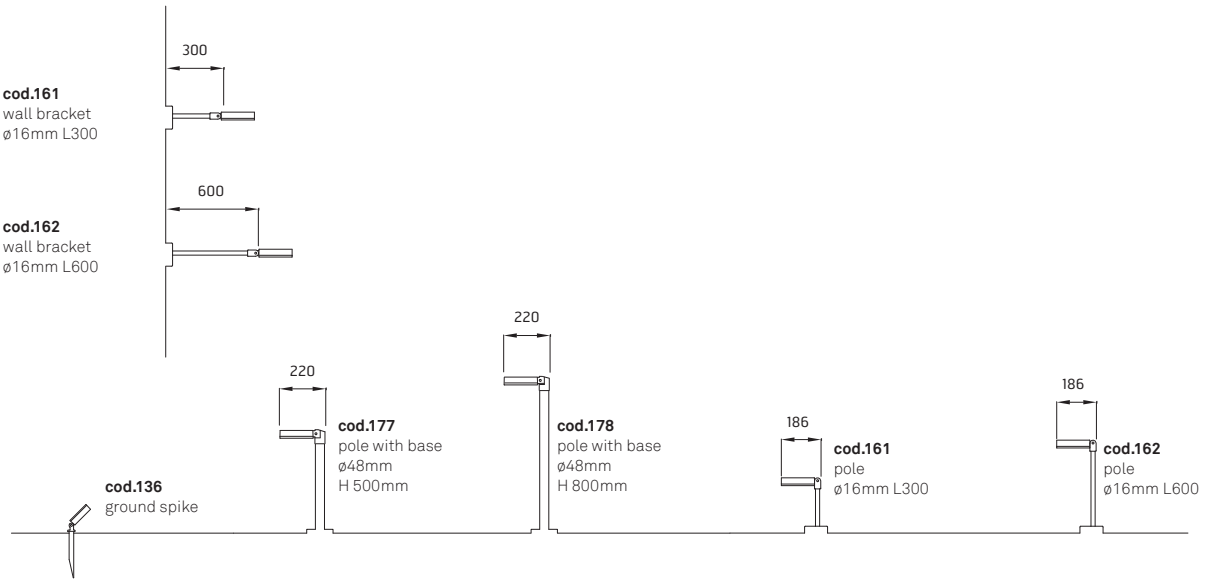
## Perseo9 LED / Ø 48mm - Poles With Base



**177**  
H 500 mm

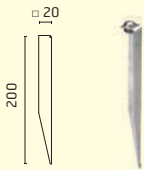
**178**  
H 800 mm

### Installation scheme: Perseo9

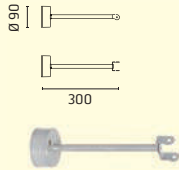


### Accessories: Perseo9

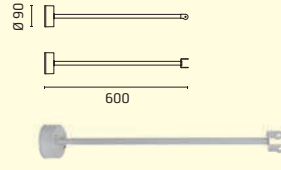
**136**  
GROUND SPIKE - H 200mm



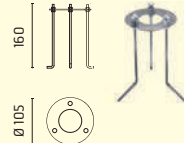
**161**  
WALL BRACKET / POLE 300mm



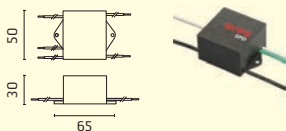
**162**  
WALL BRACKET / POLE 600mm



**182**  
BASE PLATE AND FIXING BOLTS  
Ø 105 x H 160mm



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8 / 20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNEC-  
TION - IP66



acc. code	▶ 136	161	162	182	237
prod. code	▼				
177				•	
178				•	
525032	•	•	•		•
525033	•	•	•		•
525042.A	•	•	•		•
525043.A	•	•	•		•
525052.A	•	•	•		•
525053.A	•	•	•		•
525146.A	•	•	•		•
525148.A	•	•	•		•
525150	•	•	•		•





# PERSEO 16

- Adjustable projector for installation on wall or on pole.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content). Glass diffuser: extra-clear, fixed to the frame through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: wiring through an M16x1.5 metal cable gland (4,5mm<math>\phi</math><math><10\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A / A+ / A++  
Luminaire supplied with integrated LED modules that cannot be replaced



Floor installation



Wall fitting



Installation on pole



The fitting is equipped with 1 cable input



Protection against impact.  
IK 07 - 2,00 joule

### Perseo16 - Adjustable - 11°

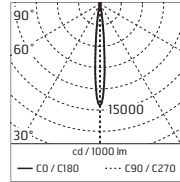
Light Source: Power LED / 17,6W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



**525152.A**  
**525152.A-300** Dimmable Dali  
**525152.A-310** Dimmable 1-10  
 White 2700K  
 Lm LED 2232 ≠ Lm OUTPUT 1559

**525093.A**  
**525093.A-300** Dimmable Dali  
**525093.A-310** Dimmable 1-10  
 White 3000K  
 Lm LED 2424 ≠ Lm OUTPUT 1732

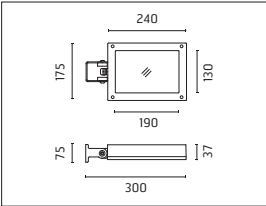
**525092.A**  
**525092.A-300** Dimmable Dali  
**525092.A-310** Dimmable 1-10  
 White 4000K  
 Lm LED 2536 ≠ Lm OUTPUT 1771



m	lux	
	Max	Med
1.00	24796	16031
2.00	6199	4008
3.00	2755	1781
4.00	1550	1002
5.00	992	641

$\alpha = 5.5^\circ + 5.5^\circ$        $\beta = 5.5^\circ + 5.5^\circ$

@4000K



IP65

### Perseo16 - Adjustable - 34°

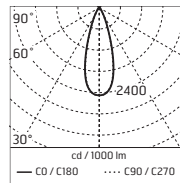
Light Source: Power LED / 17,6W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



**525154.A**  
**525154.A-300** Dimmable Dali  
**525154.A-310** Dimmable 1-10  
 White 2700K  
 Lm LED 2232 ≠ Lm OUTPUT 1582

**525083.A**  
**525083.A-300** Dimmable Dali  
**525083.A-310** Dimmable 1-10  
 White 3000K  
 Lm LED 2524 ≠ Lm OUTPUT 1757

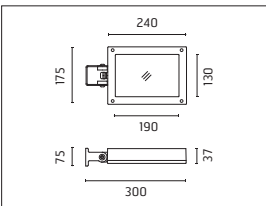
**525082.A**  
**525082.A-300** Dimmable Dali  
**525082.A-310** Dimmable 1-10  
 White 4000K  
 Lm LED 2536 ≠ Lm OUTPUT 1797



m	lux	
	Max	Med
1.00	4365	2751
2.00	1091	688
3.00	485	306
4.00	273	172
5.00	175	110

$\alpha = 17.0^\circ + 17.0^\circ$        $\beta = 17.0^\circ + 17.0^\circ$

@4000K



IP65

### Perseo16 - Adjustable - Asymmetric optic

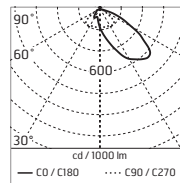
Light Source: Power LED / 17,6W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



**525156.A**  
**525156.A-300** Dimmable Dali  
**525156.A-310** Dimmable 1-10  
 White 2700K  
 Lm LED 2232 ≠ Lm OUTPUT 1168

**525063.A**  
**525063.A-300** Dimmable Dali  
**525063.A-310** Dimmable 1-10  
 White 3000K  
 Lm LED 2424 ≠ Lm OUTPUT 1298

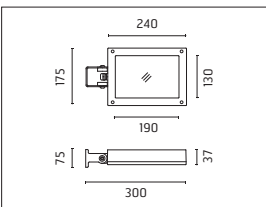
**525062.A**  
**525062.A-300** Dimmable Dali  
**525062.A-310** Dimmable 1-10  
 White 4000K  
 Lm LED 2536 ≠ Lm OUTPUT 1327



m	lux	
	Max	Med
1.00	496	169
2.00	124	42
3.00	55	19
4.00	31	11
5.00	20	7

$\alpha = 30.0^\circ + 17.0^\circ$        $\beta = 46.0^\circ + 46.0^\circ$

@4000K

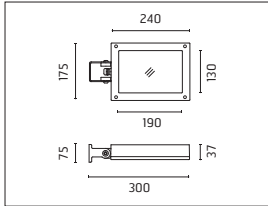


IP65



# Perseo16 - Adjustable - Street light optic 120°

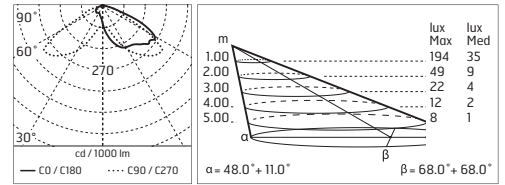
Light Source: Power LED / 17,6W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



**525158.A**  
**525158.A-300** Dimmable Dali  
**525158.A-310** Dimmable 1-10  
 White 2700K  
 Lm LED 2232 ≠ Lm OUTPUT 972

**525073.A**  
**525073.A-300** Dimmable Dali  
**525073.A-310** Dimmable 1-10  
 White 3000K  
 Lm LED 2424 ≠ Lm OUTPUT 1080

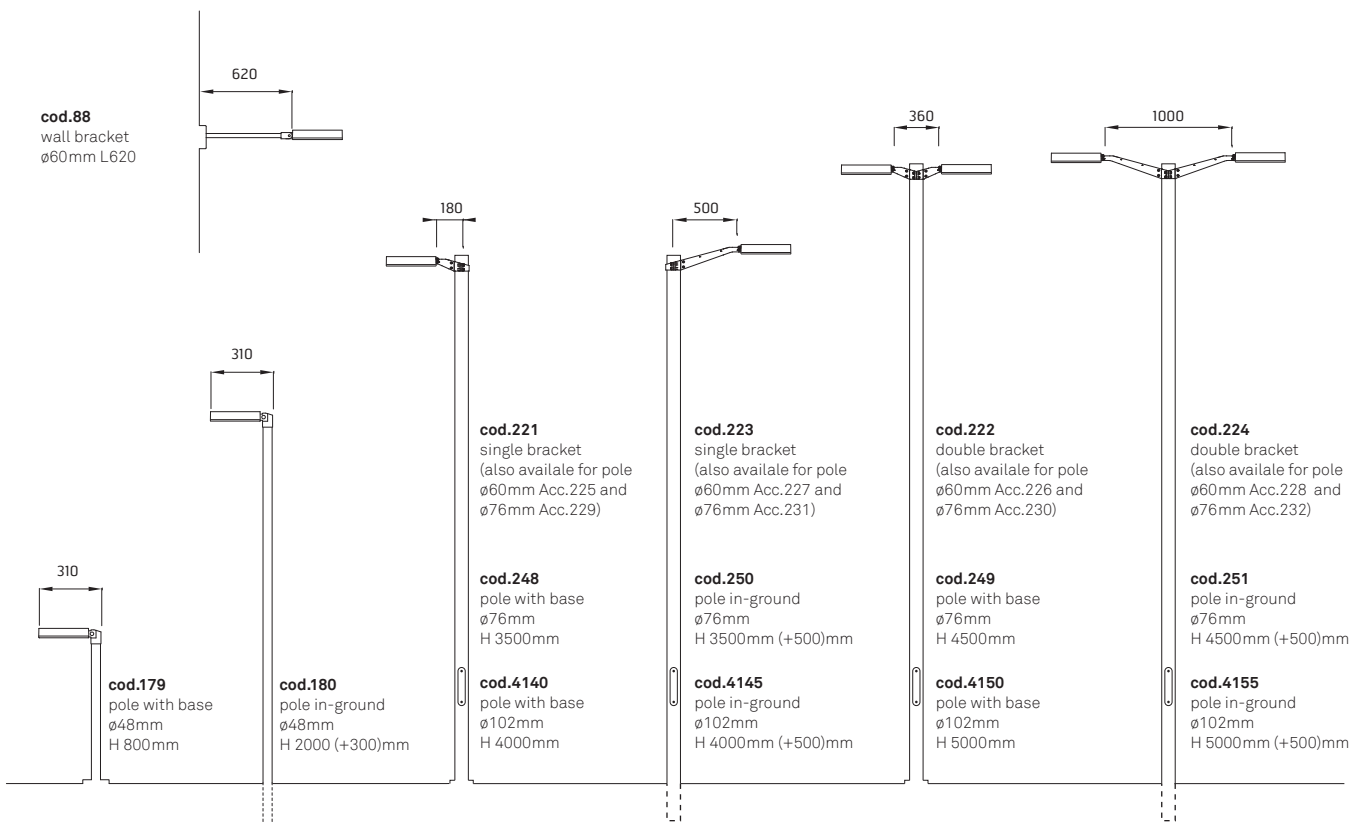
**525072.A**  
**525072.A-300** Dimmable Dali  
**525072.A-310** Dimmable 1-10  
 White 4000K  
 Lm LED 2536 ≠ Lm OUTPUT 1105



@4000K

IP65

## Installation scheme: Perseo16



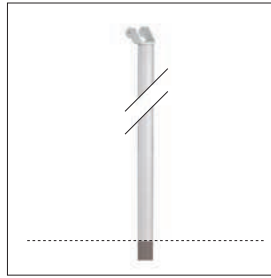


**Perseo16 LED / Ø 48mm - Poles**



**179**  
H 800 mm

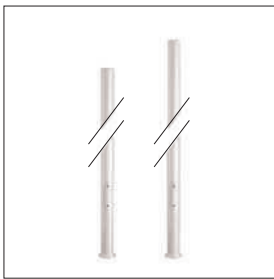
**With Base**



**180**  
H 2000 mm (+300mm)

**In-Ground (+300 mm Root)**

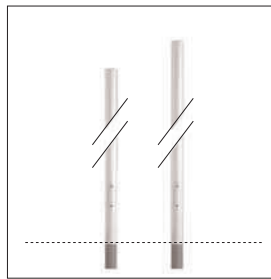
**Perseo16 LED / Ø 76mm - Poles**



**248**  
H 3500 mm

**249**  
H 4500 mm

**With Base and Access Door  
With Terminal Block 4x1,5-16mmq**



**250**  
H 3500 mm (+500mm)

**251**  
H 4500 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq**



.6 Grey



.3 Anthracite

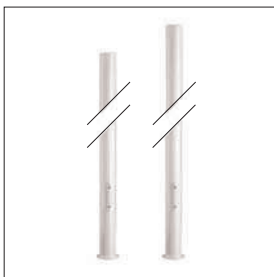


.6 Grey



.3 Anthracite

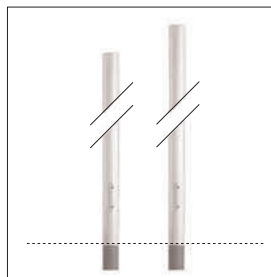
**Perseo16 LED / Ø 102mm - Poles**



**4140**  
H 4000 mm

**4150**  
H 5000 mm

**With Base and Access Door  
With Terminal Block 4x1,5-16mmq**



**4145**  
H 4000 mm (+500mm)

**4155**  
H 5000 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq**



.6 Grey



.3 Anthracite



.6 Grey



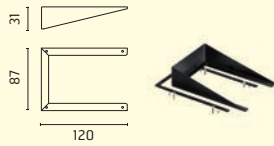
.3 Anthracite



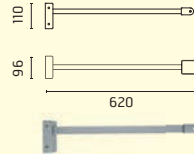
Accessories: Perseo16



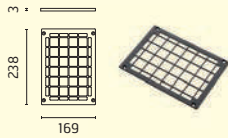
**165**  
WALL WASHER VISOR



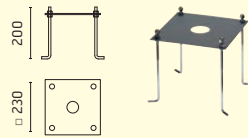
**88**  
WALL BRACKET 620mm



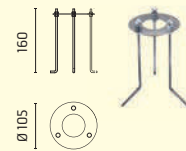
**166**  
ANTI VANDAL LOUVRE



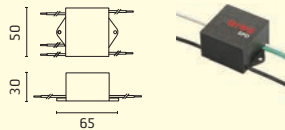
**116**  
BASE PLATE AND FIXING BOLTS  
230 x 230 x H 200mm



**182**  
BASE PLATE AND FIXING BOLTS  
Ø 105 x H 160mm



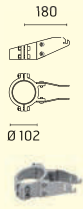
**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8 / 20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNEC-  
TION - IP66



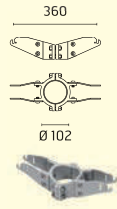


Accessories: Perseo16

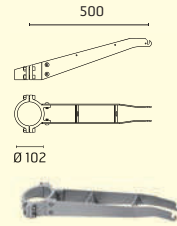
**221**  
SINGLE BRACKET 180mm  
FOR POLE Ø 102mm



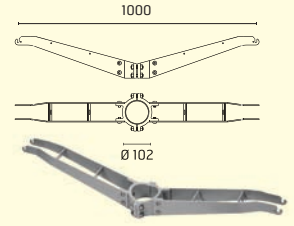
**222**  
DOUBLE BRACKET 180mm  
FOR POLE Ø 102mm



**223**  
SINGLE BRACKET 500mm  
FOR POLE Ø 102mm



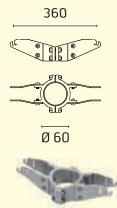
**224**  
DOUBLE BRACKET 500mm  
FOR POLE Ø 102mm



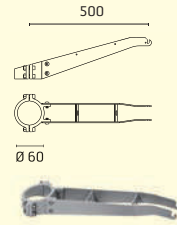
**225**  
SINGLE BRACKET 180mm  
FOR POLE Ø 60mm



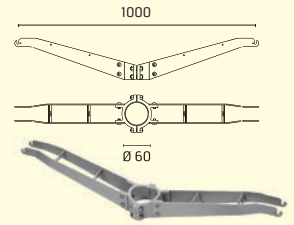
**226**  
DOUBLE BRACKET 180mm  
FOR POLE Ø 60mm



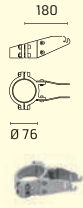
**227**  
SINGLE BRACKET 500mm  
FOR POLE Ø 60mm



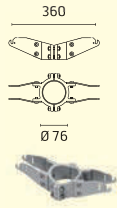
**228**  
DOUBLE BRACKET 500mm  
FOR POLE Ø 60mm



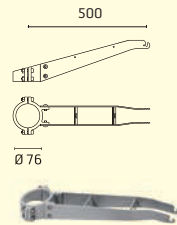
**229**  
SINGLE BRACKET 180mm  
FOR POLE Ø 76mm



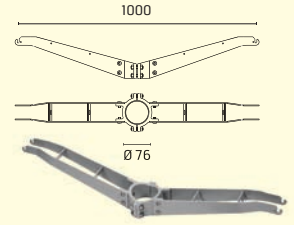
**230**  
DOUBLE BRACKET 180mm  
FOR POLE Ø 76mm



**231**  
SINGLE BRACKET 500mm  
FOR POLE Ø 76mm



**232**  
DOUBLE BRACKET 500mm  
FOR POLE Ø 76mm



acc. code ▶	dimmi DALI	dimmi 1-10	165	166	88	116	182	237	221	222	223	224	225	226	227	228	229	230	231	232
179	-300	-310					•													
180	-300	-310																		
248	-300	-310				•														
249	-300	-310				•														
250	-300	-310																		
251	-300	-310																		
4140	-300	-310				•			•	•	•	•								
4145	-300	-310							•	•	•	•								
4150	-300	-310				•			•	•	•	•								
4155	-300	-310							•	•	•	•								
525062.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525063.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525072.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525073.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525082.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525083.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525092.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525093.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525152.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525154.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525156.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•
525158.A	-300	-310	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•





# PERSEO 30

- Adjustable projector for installation on wall or on pole.
- Configuration: die-cast aluminium structure. EN AB-47100 alloy (low copper content). Glass diffuser: extra-clear, fixed to the frame through a robotic gluing system. Graduated stainless steel fixing plate for a precise adjustment.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: wiring through an M20x1.5 metal cable gland (7mm<math>\lt\mathit{13mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes

**A++**  
**A+**  
**A**

**LED VERSION:**  
Class A / A+ / A++  
Luminaire supplied with integrated LED modules that cannot be replaced



Floor installation



Wall fitting



Installation on pole



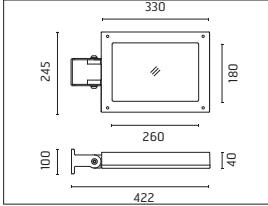
The fitting is equipped with 1 cable input



Protection against impact.  
IK 07 - 2,00 joule

### Perseo30 - Adjustable - 11°

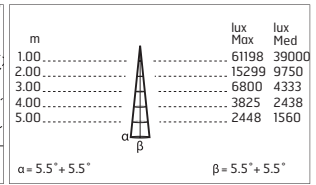
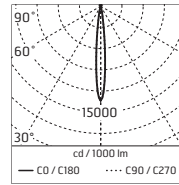
Light Source: Power LED / 48W / Total power 53W / CRI>80 / 220÷240V / Integral electronic power supply



**525160.A**  
**525160.A-300** Dimmable Dali  
**525160-310** Dimmable 1-10  
 White 2700K  
 Lm LED 5859 ≠ Lm OUTPUT 3989

**525133.A**  
**525133.A-300** Dimmable Dali  
**525133.A-310** Dimmable 1-10  
 White 3000K  
 Lm LED 6363 ≠ Lm OUTPUT 4332

**525132.A**  
**525132.A-300** Dimmable Dali  
**525132.A-310** Dimmable 1-10  
 White 4000K  
 Lm LED 6657 ≠ Lm OUTPUT 4533

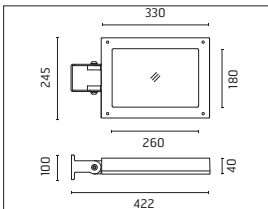


@4000K

IP65

### Perseo30 - Adjustable - 34°

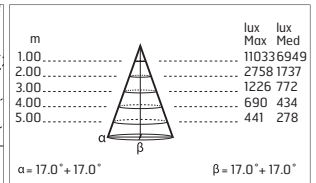
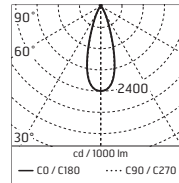
Light Source: Power LED / 48W / Total power 53W / CRI>80 / 220÷240V / Integral electronic power supply



**525162.A**  
**525162-300** Dimmable Dali  
**525162.A-310** Dimmable 1-10  
 White 2700K  
 Lm LED 5859 ≠ Lm OUTPUT 4056

**525123.A**  
**525123.A-300** Dimmable Dali  
**525123.A-310** Dimmable 1-10  
 White 3000K  
 Lm LED 6363 ≠ Lm OUTPUT 4405

**525122.A**  
**525122.A-300** Dimmable Dali  
**525122.A-310** Dimmable 1-10  
 White 4000K  
 Lm LED 6657 ≠ Lm OUTPUT 4609

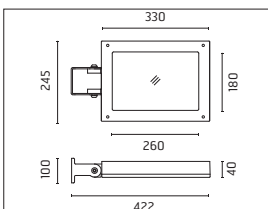


@4000K

IP65

### Perseo30 - Adjustable - Asymmetric optic

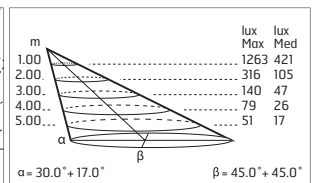
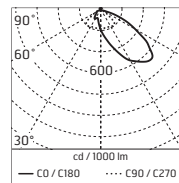
Light Source: Power LED / 48W / Total power 53W / CRI>80 / 220÷240V / Integral electronic power supply



**525164.A**  
**525164.A-300** Dimmable Dali  
**525164.A-310** Dimmable 1-10  
 White 2700K  
 Lm LED 5859 ≠ Lm OUTPUT 3085

**525103.A**  
**525103.A-300** Dimmable Dali  
**525103.A-310** Dimmable 1-10  
 White 3000K  
 Lm LED 6363 ≠ Lm OUTPUT 3350

**525102.A**  
**525102.A-300** Dimmable Dali  
**525102.A-310** Dimmable 1-10  
 White 4000K  
 Lm LED 6657 ≠ Lm OUTPUT 3505



@4000K

IP65

**Perseo30 - Adjustable - Street light optic 120°**

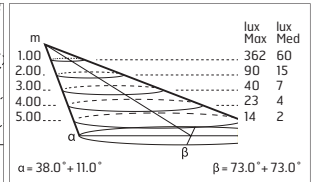
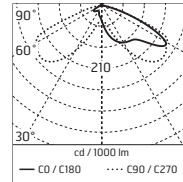
Light Source: Power LED / 48W / Total power 53W / CRI>80 / 220÷240V / Integral electronic power supply



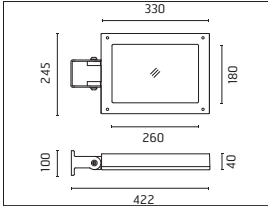
**525166.A**  
**525166.A-300** Dimmable Dali  
**525166.A-310** Dimmable 1-10  
 White 2700K  
 Lm LED 5859 ≠ Lm OUTPUT 2609

**525113.A**  
**525113.A-300** Dimmable Dali  
**525113.A-310** Dimmable 1-10  
 White 3000K  
 Lm LED 6363 ≠ Lm OUTPUT 2834

**525112.A**  
**525112.A-300** Dimmable Dali  
**525112.A-310** Dimmable 1-10  
 White 4000K  
 Lm LED 6657 ≠ Lm OUTPUT 2965



@4000K



IP65

**Perseo30 RGB - Adjustable - 40°**

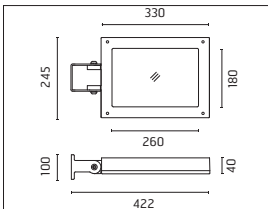
Light Source: Power LED / 34W / Total power 40W / 220÷240V with DMX interface / Integral electronic power supply



**525124**

**Wiring diagram and installation scheme RGB**

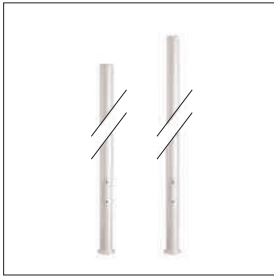
>> See Page 561  
 Wiring Diagram n.8



IP65



**Perseo30 LED / Ø 76mm - Poles**



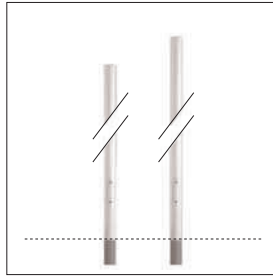
**248**  
H 3500 mm

**249**  
H 4500 mm

**With Base and Access Door  
With Terminal Block 4x1,5-16mmq**



.6 Grey    .3 Anthracite



**250**  
H 3500 mm (+500mm)

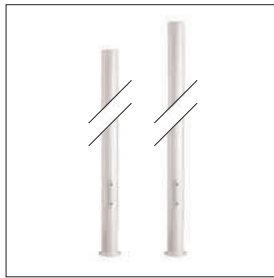
**251**  
H 4500 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq**



.6 Grey    .3 Anthracite

**Perseo30 LED / Ø 102mm - Poles**



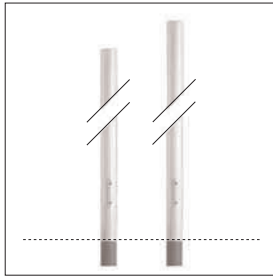
**4140**  
H 4000 mm

**4150**  
H 5000 mm

**With Base and Access Door  
With Terminal Block 4x1,5-16mmq**



.6 Grey    .3 Anthracite



**4145**  
H 4000 mm (+500mm)

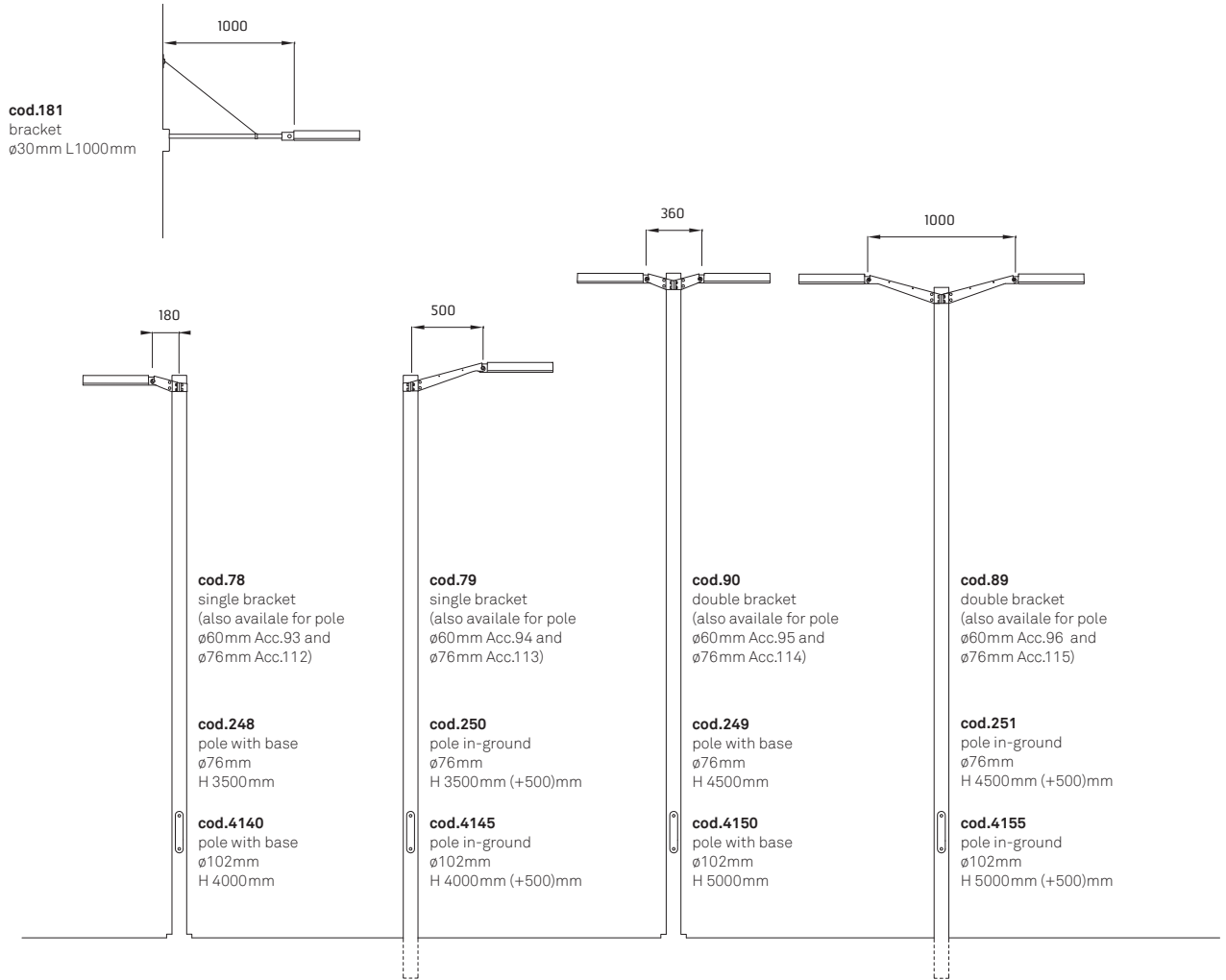
**4155**  
H 5000 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq**



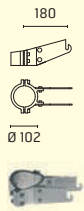
.6 Grey    .3 Anthracite

Installation scheme: Perseo30

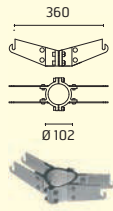


**Accessories: Perseo30**

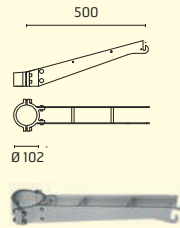
**78**  
SINGLE BRACKET 180mm  
FOR POLE Ø 102mm



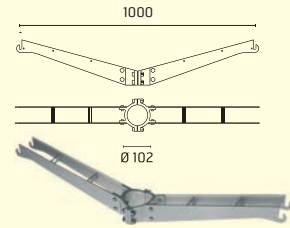
**90**  
DOUBLE BRACKET 180mm  
FOR POLE Ø 102mm



**79**  
SINGLE BRACKET 500mm  
FOR POLE Ø 102mm



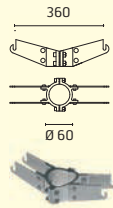
**89**  
DOUBLE BRACKET 500mm  
FOR POLE Ø 102mm



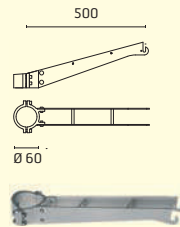
**93**  
SINGLE BRACKET 180mm  
FOR POLE Ø 60mm



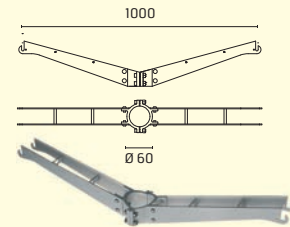
**95**  
DOUBLE BRACKET 180mm  
FOR POLE Ø 60mm



**94**  
SINGLE BRACKET 500mm  
FOR POLE Ø 60mm



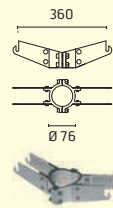
**96**  
DOUBLE BRACKET 500mm  
FOR POLE Ø 60mm



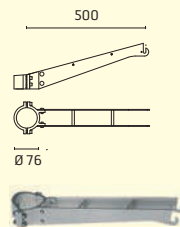
**112**  
SINGLE BRACKET 180mm  
FOR POLE Ø 76mm



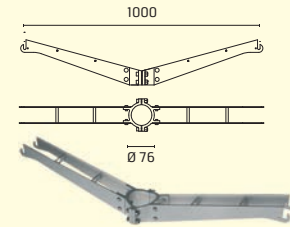
**114**  
DOUBLE BRACKET 180mm  
FOR POLE Ø 76mm



**113**  
SINGLE BRACKET 500mm  
FOR POLE Ø 76mm

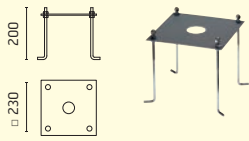


**115**  
DOUBLE BRACKET 500mm  
FOR POLE Ø 76mm

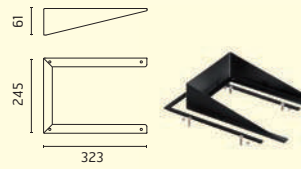


**Accessories: Perseo30**

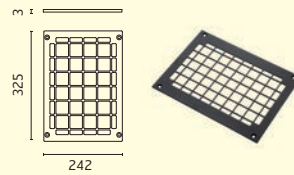
**116**  
BASE PLATE AND FIXING BOLTS  
230 x 230 x H 200mm



**167**  
WALL WASHER VISOR  
323



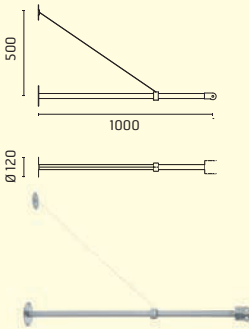
**168**  
ANTI VANDAL LOUVRE  
242



**186**  
DMX CABLE - SHIELDED TWISTED PAIR  
WITH 110 Ohm CONSTANT IMPEDANCE.



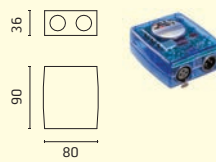
**181**  
WALL BRACKET 1000mm



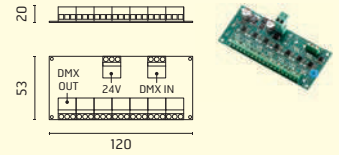
**142**  
DMX CONTROLLER;  
DIMMER SWITCH FOR RECESSED  
BOX (60mm HOLE CENTRES)



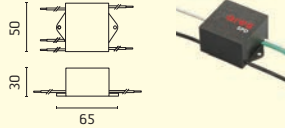
**143**  
DMX CONTROLLER;  
STAND-ALONE / PC INTERFACE



**187**  
DMX SPLITTER 512 - ELECTRONIC  
DEVICE TO REGENERATE THE MONODI-  
RECTIONAL DMX SIGNAL  
1 INPUT AND 7 OUTPUT, 12-24V dc



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8 / 20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION  
- IP66



**POWER SUPPLY TO BE ORDERED (87 OR 175 RECOMMENDED)**

acc. code ▶ prod. code ▼	dimmi DALI	dimmi 1-10	78	90	79	89	93	95	94	96	112	114	113	115	116	167	168	181	142	143	186	187	237	
248	-300	-310													•									
249	-300	-310													•									
250	-300	-310																						
251	-300	-310																						
4140	-300	-310	•	•	•	•									•									
4145	-300	-310	•	•	•	•																		
4150	-300	-310	•	•	•	•									•									
4155	-300	-310	•	•	•	•																		
525102.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
525103.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
525112.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
525113.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
525122.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
525123.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
525124			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
525132.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
525133.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
525160.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
525162.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
525164.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
525166.A	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•





- Luminaire for installation on wall or on pole.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and pure aluminium reflector. Glass diffuser: extra-clear.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: wiring through a M16x1,5 metal cable gland (4,5mm<math>\lt; \lt; 10\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland. CoB LED version is supplied with a 2-way terminal block for 3-conductor cables – IP68.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION::**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Wall fitting



Floor installation



Installation on pole

The fitting is  
equipped with  
1 cable inputProtection against  
impact.  
IK 07 - 2,00 joule

### MiniFranco - Adjustable - Symmetric Optic

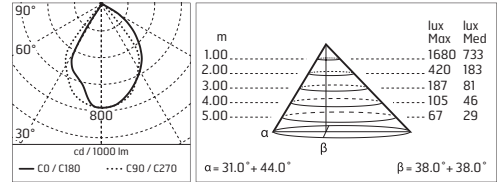
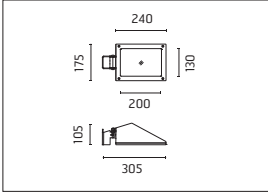
Light Source: CoB LED / 22W / Total power 24W / CRI >80 / 220÷240V / Integral electronic power supply



**1628123**  
White 2700K  
lm LED 2856 ≠ lm OUTPUT 1920

**1628113**  
White 3000K  
lm LED 3071 ≠ lm OUTPUT 2065

**1628013**  
White 4000K  
lm LED 3221 ≠ lm OUTPUT 2166



@4000K

IP65

### MiniFranco - Adjustable - Asymmetric Optic

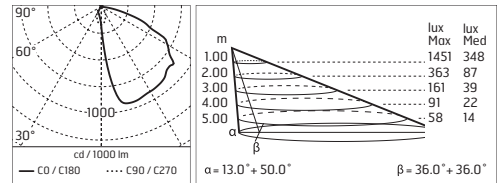
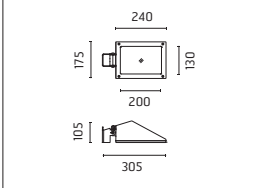
Light Source: CoB LED / 22W / Total power 24W / CRI >80 / 220÷240V / Integral electronic power supply



**1628124**  
White 2700K  
lm LED 2856 ≠ lm OUTPUT 1506

**1628114**  
White 3000K  
lm LED 3071 ≠ lm OUTPUT 1619

**1628014**  
White 4000K  
lm LED 3221 ≠ lm OUTPUT 1698



@4000K

IP65

### MiniFranco - Adjustable - 10°

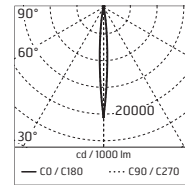
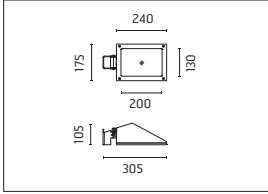
Light Source: Power LED / 17,6W / Total power 20W / CRI >80 / 220÷240V / Integral electronic power supply



**1610122**  
White 2700K  
lm LED 1540 ≈ lm OUTPUT 1335

**1610112**  
White 3000K  
lm LED 1656 ≈ lm OUTPUT 1435

**1622412**  
White 4000K  
lm LED 1832 ≈ lm OUTPUT 1588



m	lux	
	Max	Med
1.00	38303	22697
2.00	9576	5674
3.00	4256	2522
4.00	2394	1419
5.00	1532	908

@4000K

IP65

### MiniFranco - Adjustable - 40°

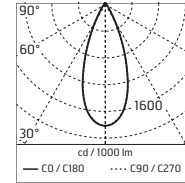
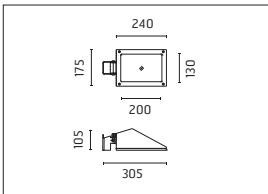
Light Source: Power LED / 17,6W / Total power 20W / CRI >80 / 220÷240V / Integral electronic power supply



**1610123**  
White 2700K  
lm LED 1540 ≈ lm OUTPUT 1150

**1610113**  
White 3000K  
lm LED 1656 ≈ lm OUTPUT 1237

**1622413**  
White 4000K  
lm LED 1832 ≈ lm OUTPUT 1368



m	lux	
	Max	Med
1.00	2904	1716
2.00	726	429
3.00	323	191
4.00	181	107
5.00	116	69

@4000K

IP65



**MiniFranco / Ø 60mm - Poles**



**1005**  
H 500 mm

**1009**  
H 900 mm

**117**  
H 2000 mm

**With Base**  
**With fixed pole head hooking.**  
**Non-adjustable projector**

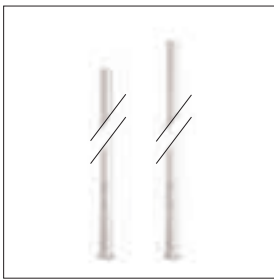


**1105**  
H 500 mm (+300mm)

**1109**  
H 900 mm (+300mm)

**In-Ground (+300 mm Root)**

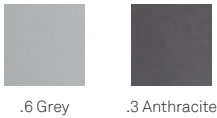
**MiniFranco / Ø 76mm - Poles**



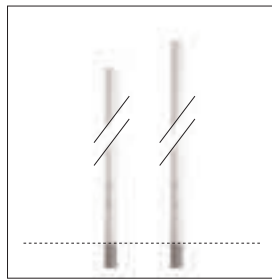
**248**  
H 3500 mm

**249**  
H 4500 mm

**With Base and Access Door**  
**With Terminal Block 4x1,5-16mmq**



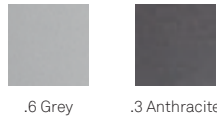
.6 Grey    .3 Anthracite



**250**  
H 3500 mm (+500mm)

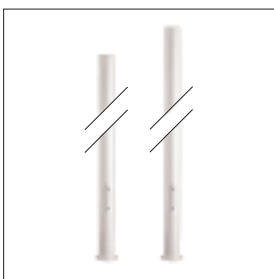
**251**  
H 4500 mm (+500mm)

**In-Ground (+500 mm Root) With Access Door**  
**With Terminal Block 4x1,5-16mmq**



.6 Grey    .3 Anthracite

**MiniFranco / Ø 102mm - Poles**



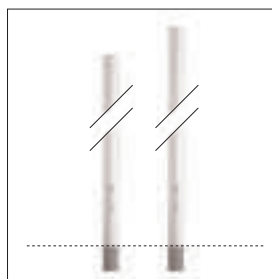
**4140**  
H 4000 mm

**4150**  
H 5000 mm

**With Base and Access Door**  
**With Terminal Block 4x1,5-16mmq**



.6 Grey    .3 Anthracite



**4145**  
H 4000 mm (+500mm)

**4155**  
H 5000 mm (+500mm)

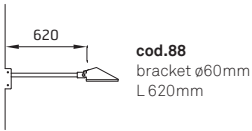
**In-Ground (+500 mm Root) With Access Door**  
**With Terminal Block 4x1,5-16mmq**



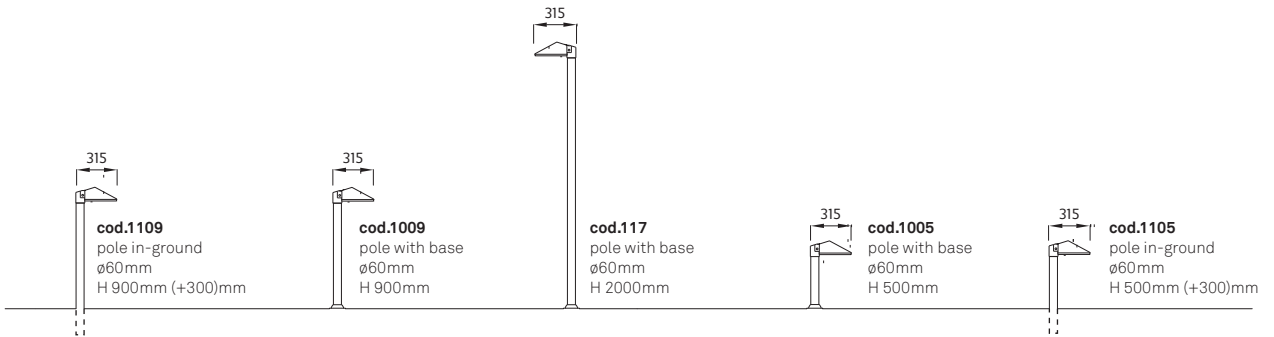
.6 Grey    .3 Anthracite

Installation scheme: MiniFranco

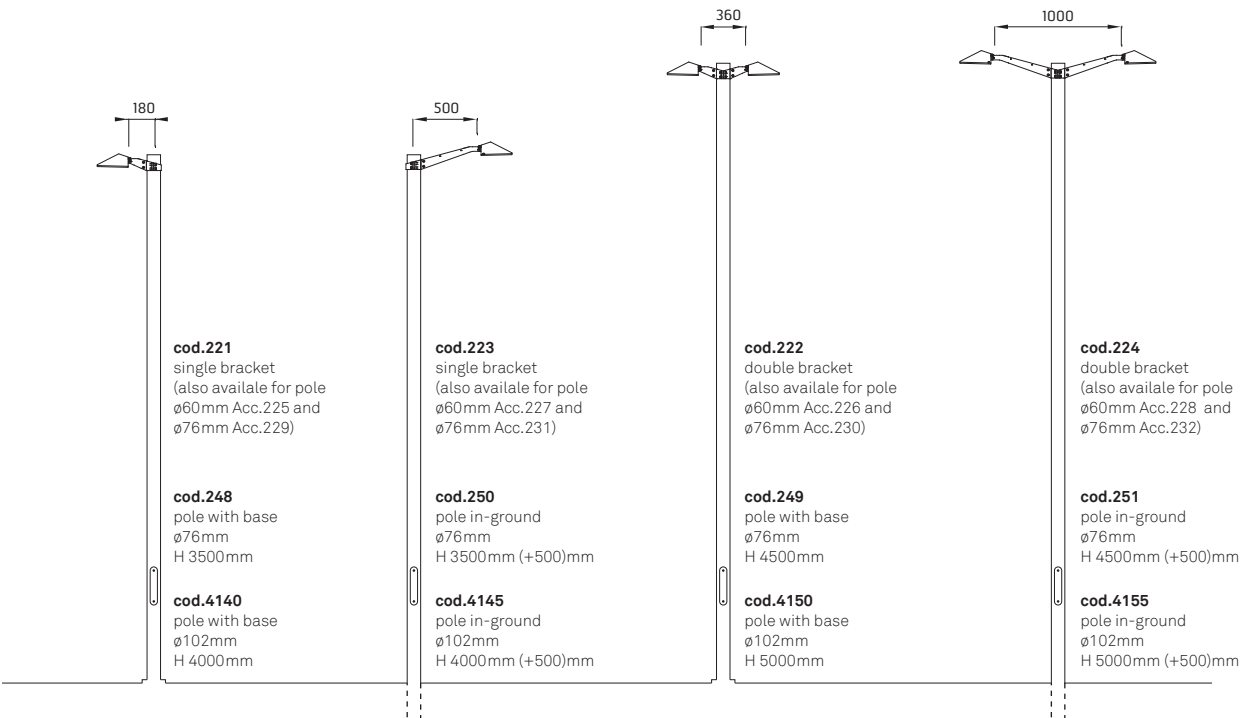
Adjustable Projector on Wall



Non-Adjustable Projector on Pole

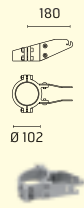


Adjustable Projector on Pole



**Accessories: MiniFranco**

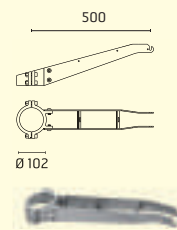
**221**  
SINGLE BRACKET 180mm  
FOR POLE Ø 102mm



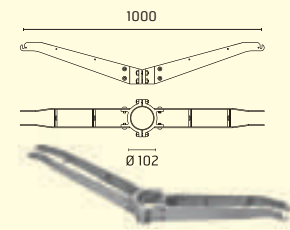
**222**  
DOUBLE BRACKET 180mm  
FOR POLE Ø 102mm



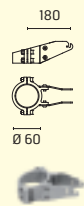
**223**  
SINGLE BRACKET 500mm  
FOR POLE Ø 102mm



**224**  
DOUBLE BRACKET 500mm  
FOR POLE Ø 102mm



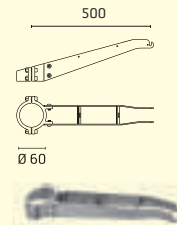
**225**  
SINGLE BRACKET 180mm  
FOR POLE Ø 60mm



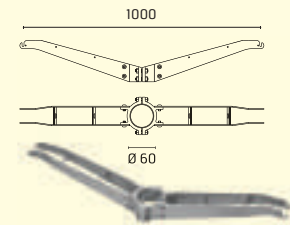
**226**  
DOUBLE BRACKET 180mm  
FOR POLE Ø 60mm



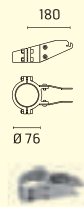
**227**  
SINGLE BRACKET 500mm  
FOR POLE Ø 60mm



**228**  
DOUBLE BRACKET 500mm  
FOR POLE Ø 60mm



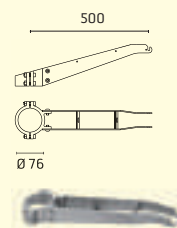
**229**  
SINGLE BRACKET 180mm  
FOR POLE Ø 76mm



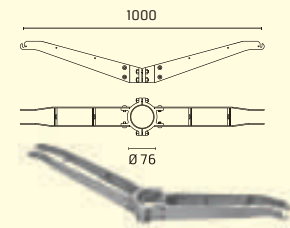
**230**  
DOUBLE BRACKET 180mm  
FOR POLE Ø 76mm



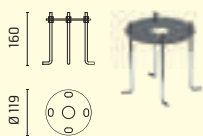
**231**  
SINGLE BRACKET 500mm  
FOR POLE Ø 76mm



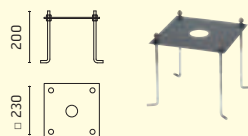
**232**  
DOUBLE BRACKET 500mm  
FOR POLE Ø 76mm



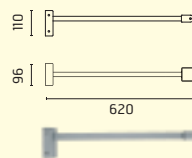
**243**  
BASE PLATE AND FIXING BOLTS  
Ø 119 x H 160mm



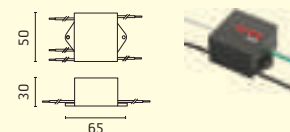
**116**  
BASE PLATE AND FIXING BOLTS  
230 x 230 x H 200mm



**88**  
WALL BRACKET 620mm



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10kA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION  
- IP66



Accessories: MiniFranco

acc. code ▶	221	222	223	224	225	226	227	228	229	230	231	232	237	243	116	88
prod. code ▼																
117														•		
248															•	
249															•	
250																
251																
1005														•		
1009														•		
1105																
1109																
4140	•	•	•	•											•	
4145	•	•	•	•												
4150	•	•	•	•											•	
4155	•	•	•	•												
1610112	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1610113	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1610122	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1610123	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1622412	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1622413	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628013	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628014	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628113	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628114	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628123	•	•	•	•	•	•	•	•	•	•	•	•	•			•
1628124	•	•	•	•	•	•	•	•	•	•	•	•	•			•





- Luminaire for installation on wall or on pole.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and pure aluminium reflector. Glass diffuser: extra-clear. Graduated stainless steel fixing plate for a precise adjustment.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: wiring through a M20x1,5 metal cable gland (7mm<math>\phi</math>13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

**A++**  
**A+**  
**A**

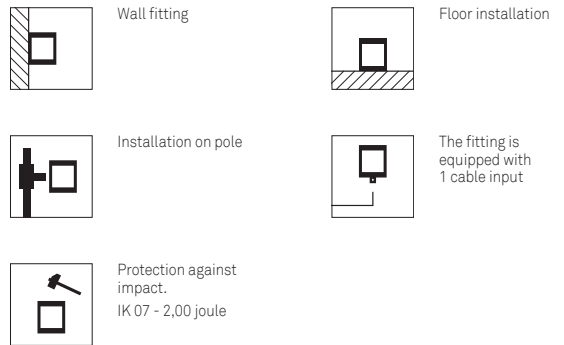
**LED VERSION:**  
Class A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced

**A+**

**METAL HALIDE VERSION:**  
Class A+  
HIT-DE/Rx7s

**A+**

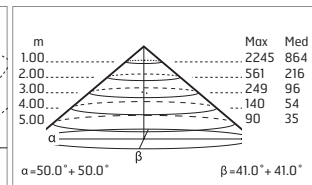
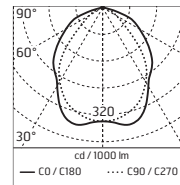
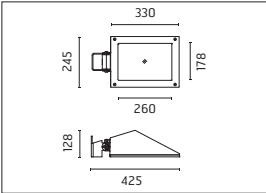
**SODIUM VAPOR VERSION:**  
Class A+  
HST-DE/Rx7s



## Franco - Adjustable - Symmetric Optic



**962913**  
HIT-DE 70W RX7S  
  
Optional bulb  
HST-DE 70W Rx7s  
Yellow light (2000K)

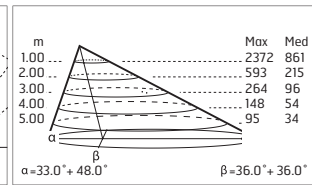
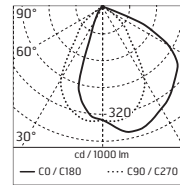
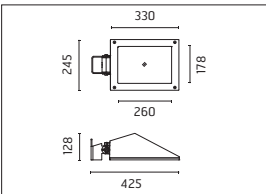


IP65

## Franco - Adjustable - Asymmetric Optic



**962914**  
HIT-DE 70W RX7S  
  
Optional bulb  
HST-DE 70W Rx7s  
Yellow light (2000K)



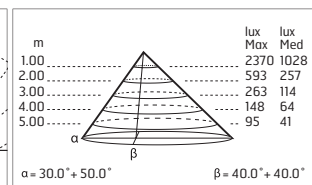
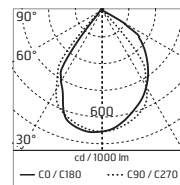
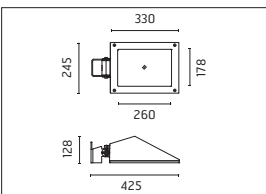
IP65

## Franco - Adjustable - Symmetric Optic

Light Source: CoB LED / 39W / Total power 43W / CRI >80 / 220÷240V / Integral electronic power supply



**9628323**  
White 2700K  
lm LED 5043 ≈ lm OUTPUT 3143  
  
**9628313**  
White 3000K  
lm LED 5423 ≈ lm OUTPUT 3380  
  
**9628213**  
White 4000K  
lm LED 5560 ≈ lm OUTPUT 3465

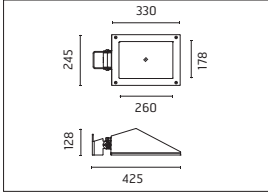


@4000K

IP65

## Franco - Adjustable - Asymmetric Optic

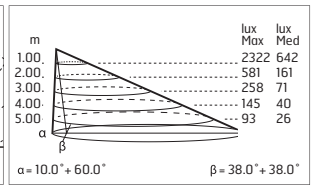
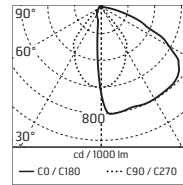
Light Source: CoB LED / 39W / Total power 43W / CRI >80 / 220÷240V / Integral electronic power supply



**9628324**  
White 2700K  
lm LED 5043 ≈ lm OUTPUT 2648

**9628314**  
White 3000K  
lm LED 5423 ≈ lm OUTPUT 2847

**9628214**  
White 4000K  
lm LED 5560 ≈ lm OUTPUT 2919

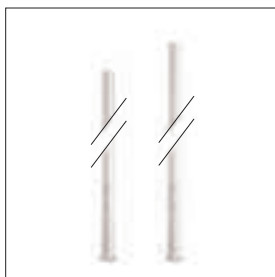


@4000K

IP65

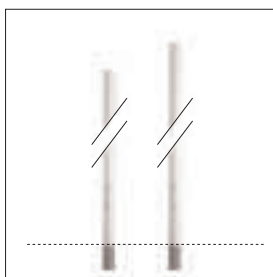


### Franco / Ø 76mm - Poles



**248**  
H 3500 mm

**249**  
H 4500 mm



**250**  
H 3500 mm (+500mm)

**251**  
H 4500 mm (+500mm)

**With Base and Access Door  
With Terminal Block 4x1,5-16mmq**



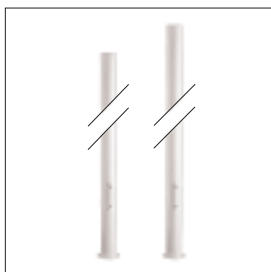
.6 Grey .3 Anthracite

**In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq**



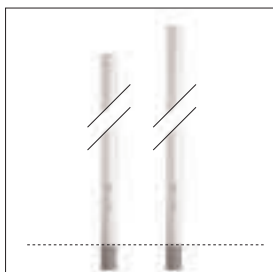
.6 Grey .3 Anthracite

### Franco / Ø 102mm - Poles



**4140**  
H 4000 mm

**4150**  
H 5000 mm



**4145**  
H 4000 mm (+500mm)

**4155**  
H 5000 mm (+500mm)

**With Base and Access Door  
With Terminal Block 4x1,5-16mmq**



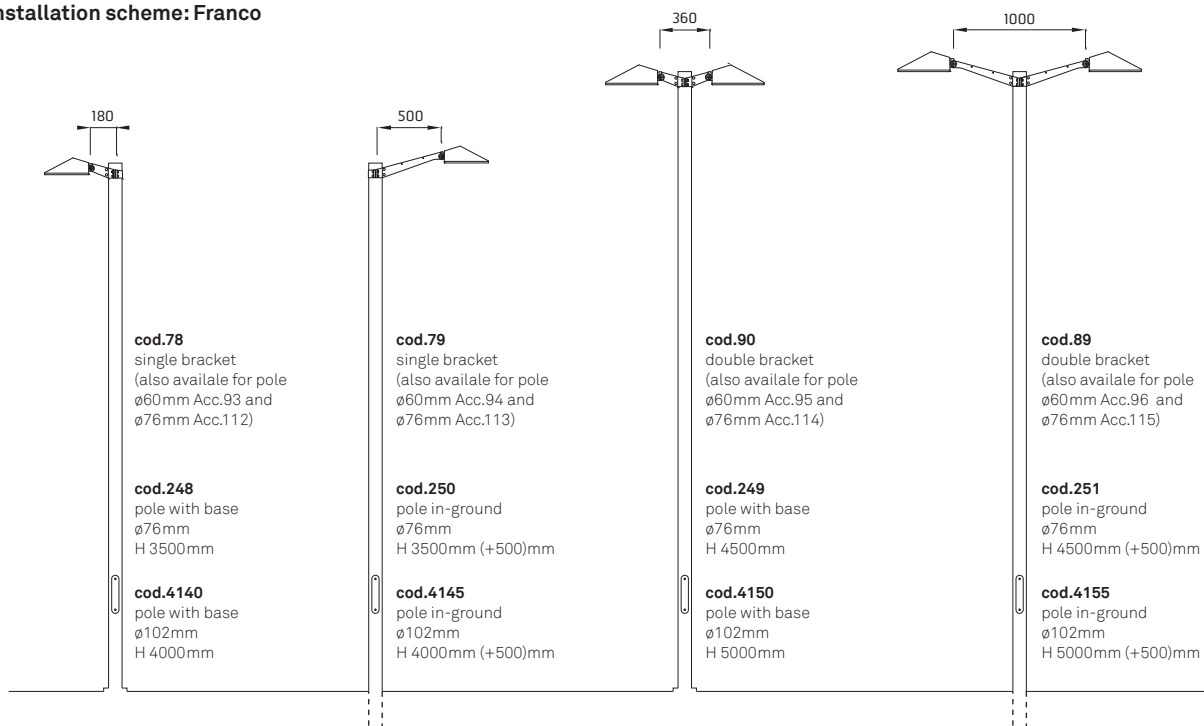
.6 Grey .3 Anthracite

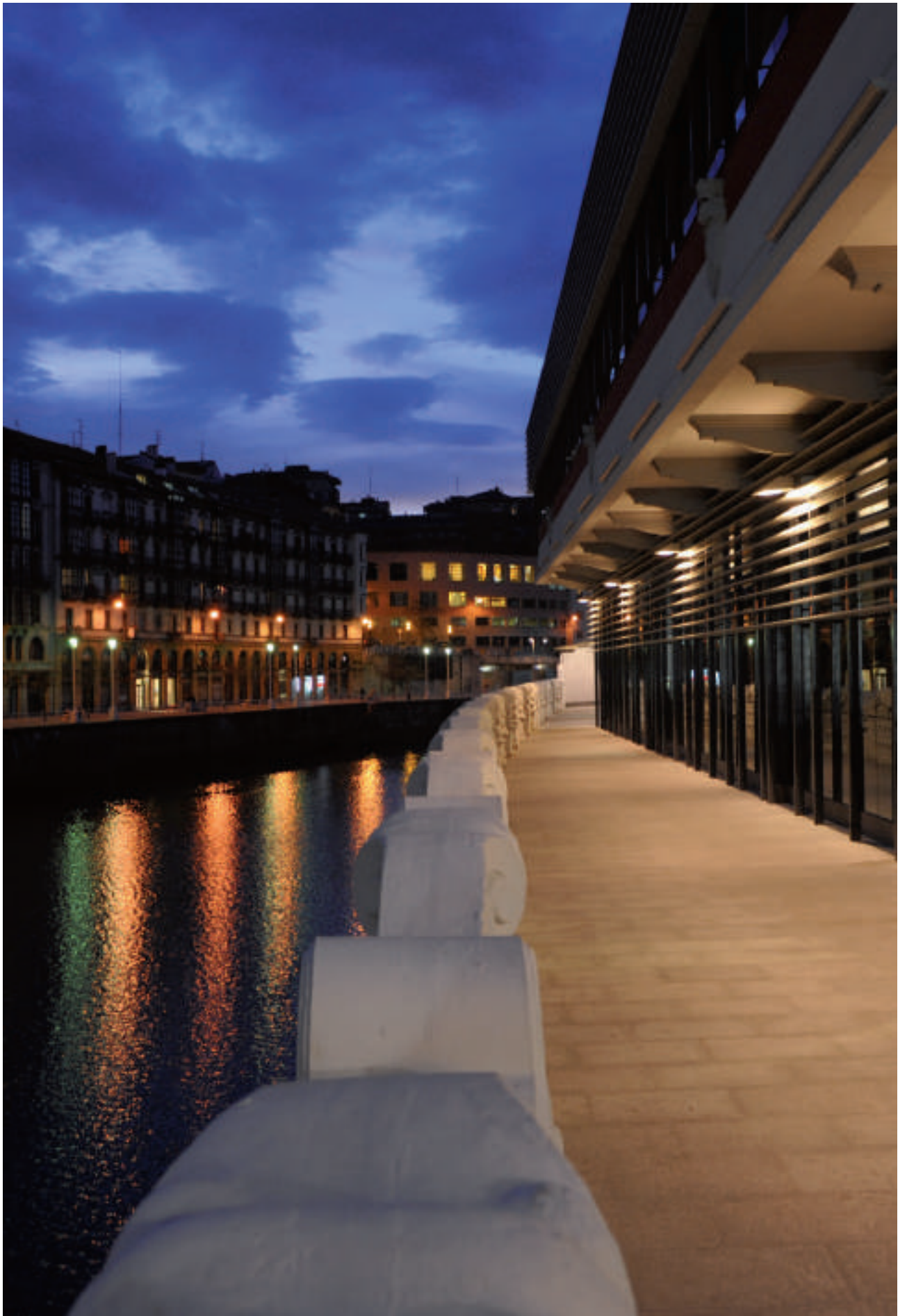
**In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq**



.6 Grey .3 Anthracite

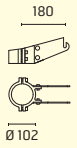
### Installation scheme: Franco



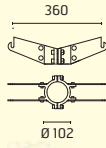


**Accessories: Franco**

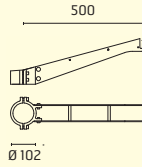
**78**  
SINGLE BRACKET 180mm  
FOR POLE Ø 102mm



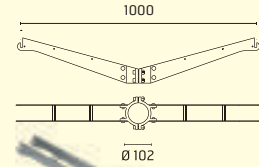
**90**  
DOUBLE BRACKET 180mm  
FOR POLE Ø 102mm



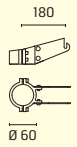
**79**  
SINGLE BRACKET 500mm  
FOR POLE Ø 102mm



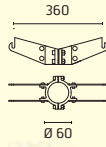
**89**  
DOUBLE BRACKET 500mm  
FOR POLE Ø 102mm



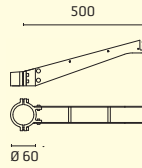
**93**  
SINGLE BRACKET 180mm  
FOR POLE Ø 60mm



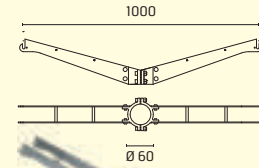
**95**  
DOUBLE BRACKET 180mm  
FOR POLE Ø 60mm



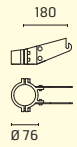
**94**  
SINGLE BRACKET 500mm  
FOR POLE Ø 60mm



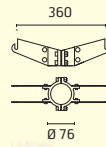
**96**  
DOUBLE BRACKET 500mm  
FOR POLE Ø 60mm



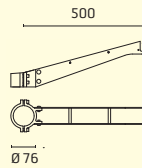
**112**  
SINGLE BRACKET 180mm  
FOR POLE Ø 76mm



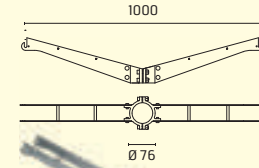
**114**  
DOUBLE BRACKET 180mm  
FOR POLE Ø 76mm



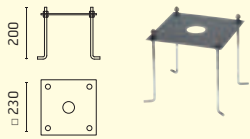
**113**  
SINGLE BRACKET 500mm  
FOR POLE Ø 76mm



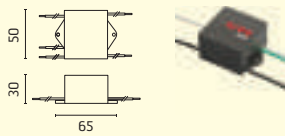
**115**  
DOUBLE BRACKET 500mm  
FOR POLE Ø 76mm



**116**  
BASE PLATE AND FIXING BOLTS  
230 x 230 x H 200mm



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT  
5A SUITABLE FOR SERIES CONNEC-  
TION - IP66



Accessories: Franco






acc. code ►	78	90	79	89	93	95	94	96	112	114	113	115	116	237
prod. code ▼														
248													•	
249													•	
250														
251														
4140	•	•	•	•									•	
4145	•	•	•	•										
4150	•	•	•	•									•	
4155	•	•	•	•										
962913	•	•	•	•	•	•	•	•	•	•	•	•		
962914	•	•	•	•	•	•	•	•	•	•	•	•		
9628213	•	•	•	•	•	•	•	•	•	•	•	•		•
9628214	•	•	•	•	•	•	•	•	•	•	•	•		•
9628313	•	•	•	•	•	•	•	•	•	•	•	•		•
9628314	•	•	•	•	•	•	•	•	•	•	•	•		•
9628323	•	•	•	•	•	•	•	•	•	•	•	•		•
9628324	•	•	•	•	•	•	•	•	•	•	•	•		•

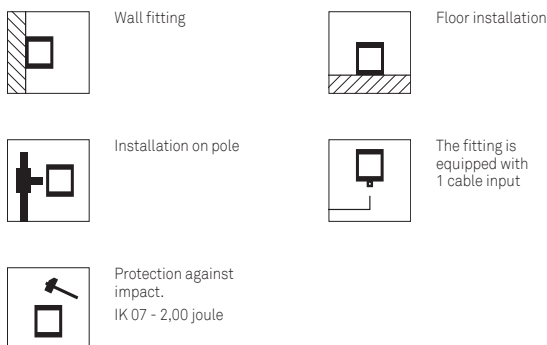




- Luminaire for installation on wall or on pole.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and pure aluminium reflector. Glass diffuser: extra-clear. Graduated stainless steel fixing plate for a precise adjustment.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I
- Installation: wiring through a M20x1,5 metal cable gland (7mm<math>\phi</math>13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes

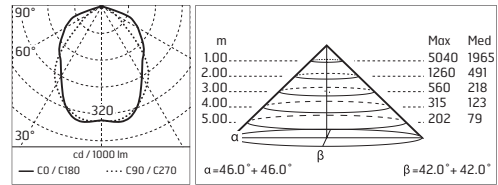
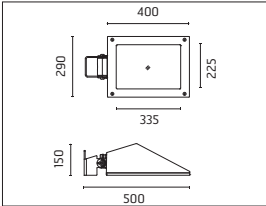
	<b>LED VERSION::</b> Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	<b>METAL HALIDE VERSION:</b> Class A+ HIT-DE/RX7s HIT-CE/G12
	<b>SODIUM VAPOR VERSION:</b> Class A+ HST-DE/Rx7s



## MaxiFranco - Adjustable - Symmetric Optic



**971913**  
 HIT-DE 150W RX7S  
 Optional bulb  
 HST-DE 150W Rx7s  
 Yellow light (2000K)

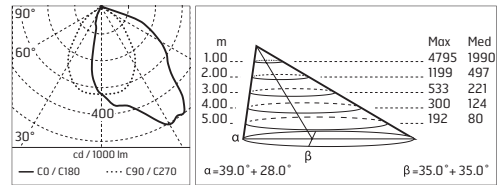
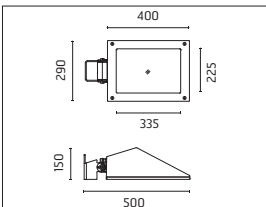


IP65

## MaxiFranco - Adjustable - Asymmetric Optic



**971914**  
 HIT-DE 150W RX7S  
 Optional bulb  
 HST-DE 150W Rx7s  
 Yellow light (2000K)



IP65

### MaxiFranco - Adjustable - Symmetric Optic

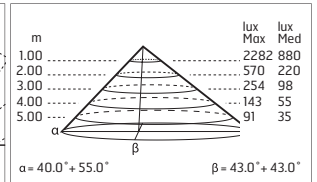
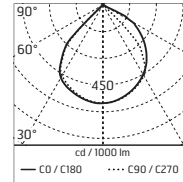
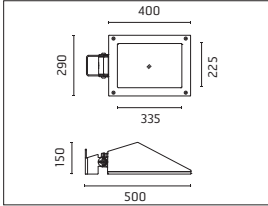
Light Source: CoB LED / 45W / Total power 52W / CRI >80 / 220÷240V / Integral electronic power supply



**9728423**  
White 2700K  
lm LED 5847 ≠ lm OUTPUT 3757

**9728513**  
White 3000K  
lm LED 6287 ≠ lm OUTPUT 4040

**9728413**  
White 4000K  
lm LED 6446 ≠ lm OUTPUT 4142



@4000K

IP65

### MaxiFranco - Adjustable - Asymmetric Optic

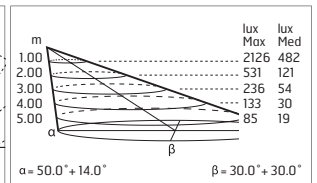
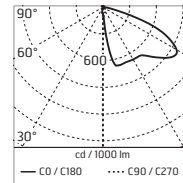
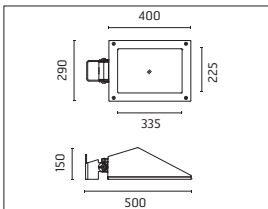
Light Source: CoB LED / 45W / Total power 52W / CRI >80 / 220÷240V / Integral electronic power supply



**9428424**  
White 2700K  
lm LED 5847 ≠ lm OUTPUT 3072

**9428514**  
White 3000K  
lm LED 6287 ≠ lm OUTPUT 3303

**9728414**  
White 4000K  
lm LED 6446 ≠ lm OUTPUT 3386



@4000K

IP65

### MaxiFranco - Adjustable - Asymmetric Optic

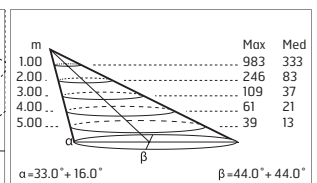
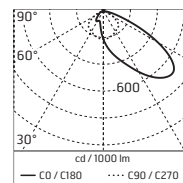
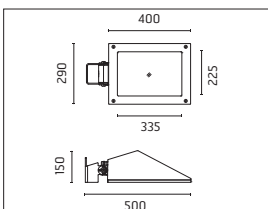
Light Source: Power LED / 42W / Total power 47W / CRI >80 / 110÷240V / Integral electronic power supply



**9724723**  
**9724723-300** Dimmable Dali  
**9724723-310** Dimmable 1-10  
White 2700K  
lm LED 3582 ≠ lm OUTPUT 2057

**9724813**  
**9724813-300** Dimmable Dali  
**9724813-310** Dimmable 1-10  
White 3000K  
lm LED 3852 ≠ lm OUTPUT 2212

**9724713**  
**9724713-300** Dimmable Dali  
**9724713-310** Dimmable 1-10  
White 4000K  
lm LED 4104 ≠ lm OUTPUT 2448



@4000K

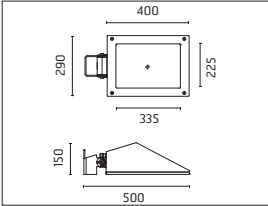
IP65



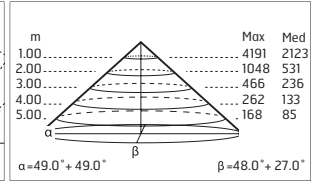
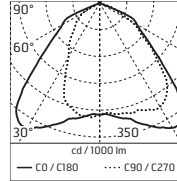
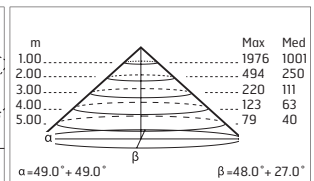
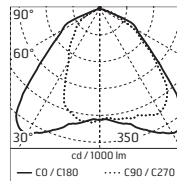
## MaxiFranco - Adjustable - Street light Optic



**9771109**  
HIT-CE 70W G12



**9715109**  
HIT-CE 150W G12



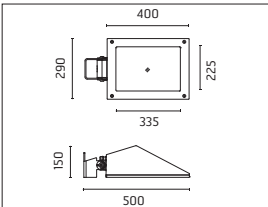
IP65

## MaxiFranco - Adjustable - Street light Optic

Light Source: Power LED / 42W / Total power 47W/CRI >80 / 110÷240V / Integral electronic power supply

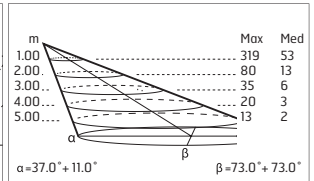
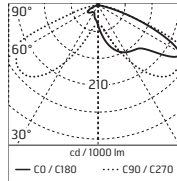


**9724724**  
**9724724-300** Dimmable Dali  
**9724724-310** Dimmable 1-10  
White 2700K  
lm LED 3582 ≠ lm OUTPUT 1712



**9724814**  
**9724814-300** Dimmable Dali  
**9724814-310** Dimmable 1-10  
White 3000K  
lm LED 3852 ≠ lm OUTPUT 1841

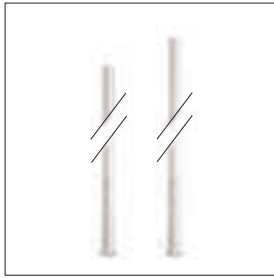
**9724714**  
**9724714-300** Dimmable Dali  
**9724714-310** Dimmable 1-10  
White 4000K  
lm LED 4104 ≠ lm OUTPUT 2037



@4000K

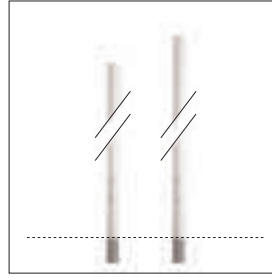
IP65

**MaxiFranco / Ø 76mm - Poles**



**248**  
H 3500 mm

**249**  
H 4500 mm



**250**  
H 3500 mm (+500mm)

**251**  
H 4500 mm (+500mm)

**With Base and Access Door  
With Terminal Block 4x1,5-16mmq**



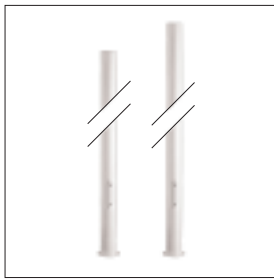
.6 Grey      .3 Anthracite

**In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq**



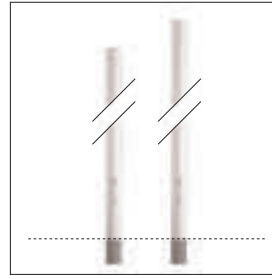
.6 Grey      .3 Anthracite

**MaxiFranco / Ø 102mm - Poles**



**4140**  
H 4000 mm

**4150**  
H 5000 mm



**4145**  
H 4000 mm (+500mm)

**4155**  
H 5000 mm (+500mm)

**With Base and Access Door  
With Terminal Block 4x1,5-16mmq**



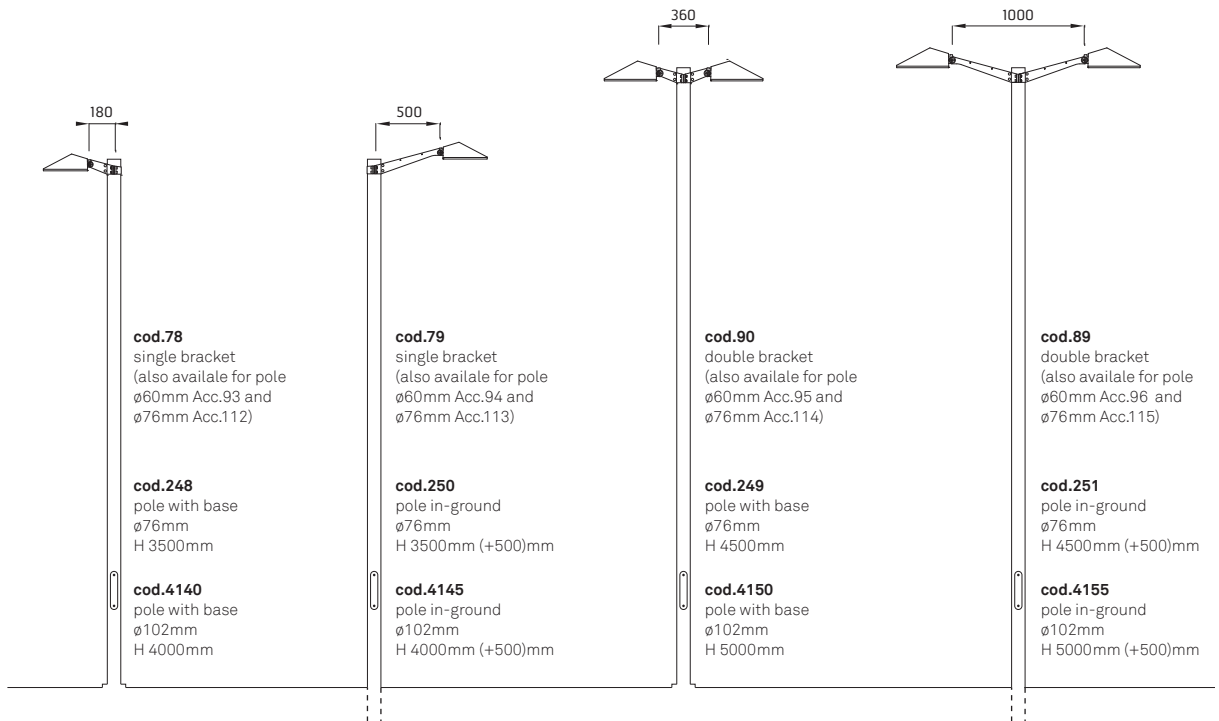
.6 Grey      .3 Anthracite

**In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq**



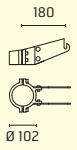
.6 Grey      .3 Anthracite

**Installation scheme: MaxiFranco**

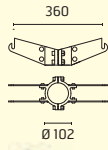


**Accessories: MaxiFranco**

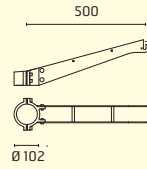
**78**  
SINGLE BRACKET 180mm  
FOR POLE Ø 102mm



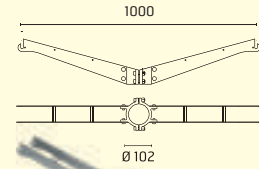
**90**  
DOUBLE BRACKET 180mm  
FOR POLE Ø 102mm



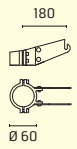
**79**  
SINGLE BRACKET 500mm  
FOR POLE Ø 102mm



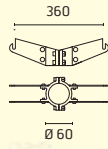
**89**  
DOUBLE BRACKET 500mm  
FOR POLE Ø 102mm



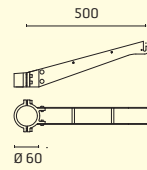
**93**  
SINGLE BRACKET 180mm  
FOR POLE Ø 60mm



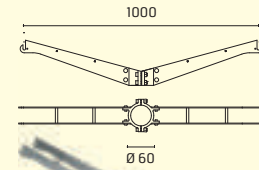
**95**  
DOUBLE BRACKET 180mm  
FOR POLE Ø 60mm



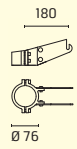
**94**  
SINGLE BRACKET 500mm  
FOR POLE Ø 60mm



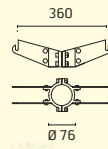
**96**  
DOUBLE BRACKET 500mm  
FOR POLE Ø 60mm



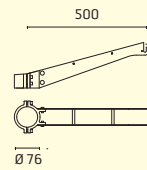
**112**  
SINGLE BRACKET 180mm  
FOR POLE Ø 76mm



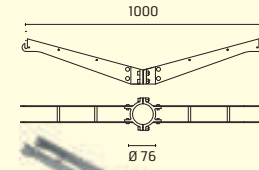
**114**  
DOUBLE BRACKET 180mm  
FOR POLE Ø 76mm



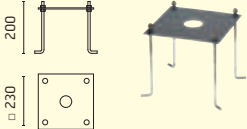
**113**  
SINGLE BRACKET 500mm  
FOR POLE Ø 76mm



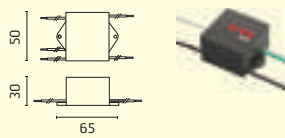
**115**  
DOUBLE BRACKET 500mm  
FOR POLE Ø 76mm



**116**  
BASE PLATE AND FIXING BOLTS  
230 x 230 x H 200mm



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION  
- IP66



acc. code ▶	dimmi DALI	dimmi 1-10	78	90	79	89	93	95	94	96	112	114	113	115	116	237
248															•	
249															•	
250																
251																
4140			•	•	•	•									•	
4145			•	•	•	•										
4150			•	•	•	•									•	
4155			•	•	•	•										
971913			•	•	•	•	•	•	•	•	•	•	•	•	•	
971914			•	•	•	•	•	•	•	•	•	•	•	•	•	
9715109			•	•	•	•	•	•	•	•	•	•	•	•	•	
9724713	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9724714	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9724723	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9724724	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9724813	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9724814	-300	-310	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9728413			•	•	•	•	•	•	•	•	•	•	•	•	•	•
9728414			•	•	•	•	•	•	•	•	•	•	•	•	•	•
9728423			•	•	•	•	•	•	•	•	•	•	•	•	•	•
9428424			•	•	•	•	•	•	•	•	•	•	•	•	•	•
9728513			•	•	•	•	•	•	•	•	•	•	•	•	•	•
9428514			•	•	•	•	•	•	•	•	•	•	•	•	•	•
9771109			•	•	•	•	•	•	•	•	•	•	•	•	•	





- Pole top luminaire for installation on pole or wall (dedicated wall mounting bracket).
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), top cover in pre-galvanised sheet (lower side painted in white) secured to the housing by four extruded aluminium brackets. Acrylic diffuser: clear or opal, 3mm thick.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I; LED module: II
- Installation: the fixture is equipped with 1000mm cable. Re-lamping through the removal of a disc fitted on the top cover.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION::**  
Class A / A+ / A++  
Luminaire supplied with integrated LED modules that cannot be replaced



.6 Grey



.3 Anthracite



Pole top luminaire



Pre-wired with approx 1000mm of cable



Protection against impact.  
IK 07 - 2,00 joule

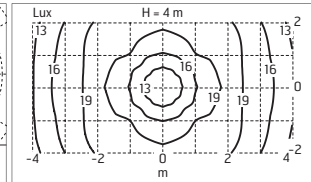
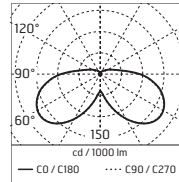
### Andrea - Pole Ø 60mm - Opal (inside) Acrylic Diffuser

Light Source: Power LED / 44W / Total power 49W / CRI>80 / 220÷240V / Integral electronic power supply

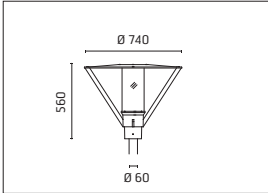


**121265112**  
White 3000K  
lm LED 4013 ≠ lm OUTPUT 3375

**121264112**  
White 4000K  
lm LED 4275 ≠ lm OUTPUT 3596



@4000K



Dimmable on request

2700K on request

IP65

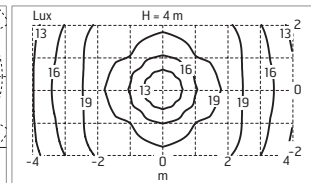
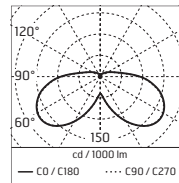
### Andrea - Pole Ø 102mm - Opal (inside) Acrylic Diffuser

Light Source: Power LED / 44W / Total power 49W / CRI>80 / 220÷240V / Integral electronic power supply

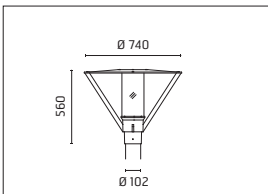


**121265114**  
White 3000K  
lm LED 4013 ≠ lm OUTPUT 3375

**121264114**  
White 4000K  
lm LED 4275 ≠ lm OUTPUT 3596



@4000K

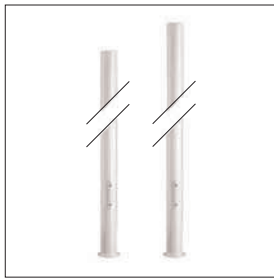


Dimmable on request

2700K on request

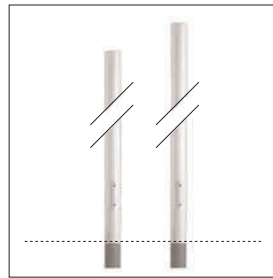
IP65

**Andrea / Ø 102mm - Poles**



**4140**  
H 4000 mm

**4150**  
H 5000 mm



**4145**  
H 4000 mm (+500mm)

**4155**  
H 5000 mm (+500mm)

**With Base and Access Door  
With Terminal Block 4x1,5-16mmq**



.6 Grey

.3 Anthracite

**In-Ground (+500 mm Root) With Access Door  
With Terminal Block 4x1,5-16mmq**



.6 Grey

.3 Anthracite

**Andrea Wall Version**



**CODE 125**  
Wall Bracket



.6 Grey

.3 Anthracite

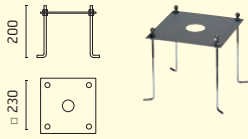






**Accessories: Andrea**

**116**  
BASE PLATE AND FIXING BOLTS  
230 x 230 x H 200mm

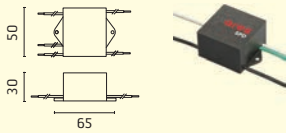


**236**  
2 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5±12mm CABLE)

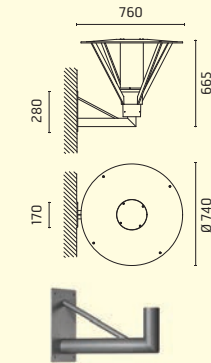


acc. code ▶	116	236	125	237
prod. code ▼				
4140	•			
4145				
4150	•			
4155				
121264112		•	•	•
121264114		•	•	•
121265112		•	•	•
121265114		•	•	•

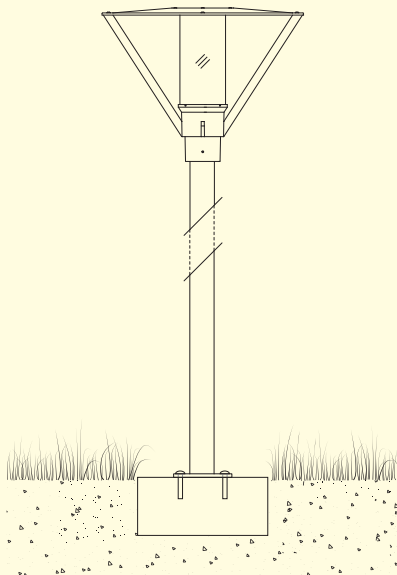
**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8 / 20µs)  
MAXIMUM OPERATING CURRENT  
5A SUITABLE FOR SERIES CONNEC-  
TION - IP66



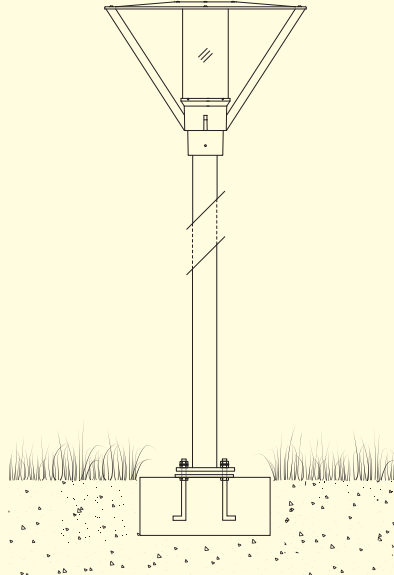
**125**  
WALL BRACKET FOR Ø 60mm HEAD



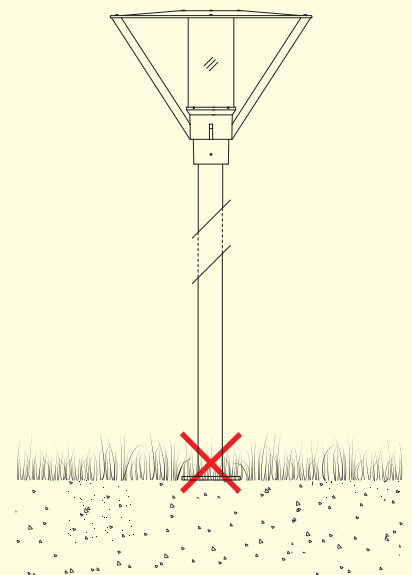
**Correct Fixing Method**  
Bollard fixed on plinth +  
suitable installation screws



**Correct Fixing Method**  
Bollard fixed on plinth + fixing bolts



**Incorrect Fixing Method**  
Do not fix the bollard directly on the ground









# MARTINA




- Adjustable spotlight.
- Configuration: turned and anodized (raw or painted) aluminium structure with stainless steel adjustable bracket. Glass diffuser: transparent or sandblasted with silkscreen border, fixed through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP67
- In compliance with EN60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with 2000mm cable. Martina 24V and Maxi Martina 24V are equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and protects against polarity reversal and sudden voltage peak. Parallel wiring required. Mini Martina, Martina RGB and Maxi Martina RGB requires connection in series.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes

**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced







 MiniMartina, Martina and MaxiMartina  
.8 Anodized Aluminium

\*AISI 316L stainless steel fixing bracket not painted

 .1 White     .6 Grey     .3 Anthracite     .4 Black     .18 Deep Brown

Martina and MaxiMartina ONLY

\*AISI 316L stainless steel fixing bracket painted

	Ceiling lamp		Wall lamp
	Floor installation		Pre-wired with approx 2000mm of cable
	Remote device required		Protection against impact. IK 05 - 0,70 joule MiniMartina IK 07 - 2,00 joule Martina/MaxiMartina



### MiniMartina - Transparent Glass - Adjustable - 10°

Light Source: Power LED / 1,1÷1,6W / Total power 1,1W@350mA - 1,6W@500mA / CRI>80 / 350÷500mA



anodized aluminium only

**10514422**  
White 2700K  
lm LED 112@350mA = lm OUTPUT 100@350mA  
lm LED 167@500mA = lm OUTPUT 118@500mA

Acc. 129, 135, 184, 218, 238 or 239

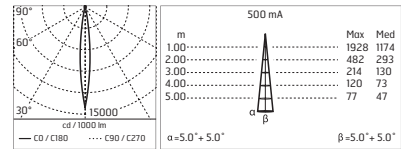
**10514412**  
White 3000K  
lm LED 120@350mA = lm OUTPUT 108@350mA  
lm LED 180@500mA = lm OUTPUT 127@500mA

Acc. 129, 135, 184, 218, 238 or 239

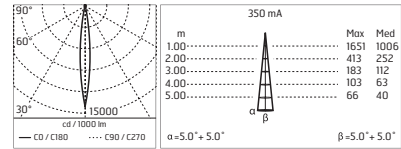
**10517112**  
White 4000K  
lm LED 130@350mA = lm OUTPUT 117@350mA  
lm LED 195@500mA = lm OUTPUT 137@500mA

Acc. 129, 135, 184, 218, 238 or 239

Remote electronic power supply to be ordered



@3000K



@4000K

IP67 CE

### MiniMartina - Transparent Glass - Adjustable - 30°

Light Source: Power LED / 1,1÷1,6W / Total power 1,1W@350mA - 1,6W@500mA / CRI>80 / 350÷500mA



anodized aluminium only

**10514420**  
White 2700K  
lm LED 112@350mA = lm OUTPUT 94@350mA  
lm LED 167@500mA = lm OUTPUT 111@500mA

Acc. 129, 135, 184, 218, 238 or 239

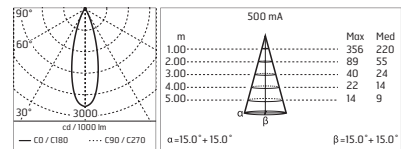
**10514400**  
White 3000K  
lm LED 120@350mA = lm OUTPUT 101@350mA  
lm LED 180@500mA = lm OUTPUT 119@500mA

Acc. 129, 135, 184, 218, 238 or 239

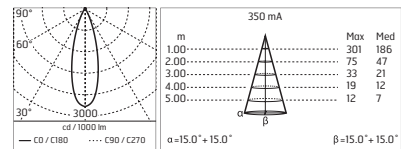
**10517100**  
White 4000K  
lm LED 130@350mA = lm OUTPUT 110@350mA  
lm LED 195@500mA = lm OUTPUT 129@500mA

Acc. 129, 135, 184, 218, 238 or 239

Remote electronic power supply to be ordered



@3000K



@4000K

IP67 CE

### MiniMartina - Sandblasted Glass - Adjustable

Light Source: RGB Power LED / 3,4W / Total power 3,4W / 3CHx350mA / Remote electronic power supply to be ordered



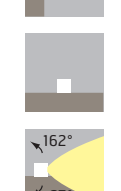
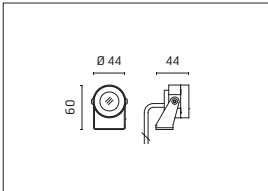
anodized aluminium only

**10517300**

#### Wiring diagram and installation scheme RGB

Max 10 luminaires MINIMARTINA RGB for each code 141

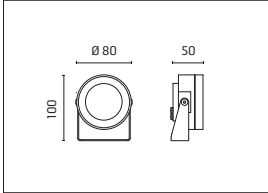
>> See Page 560  
Wiring Diagram n.5



IP67 CE

## Martina - Transparent Glass - Adjustable - 10°

Light Source: Power LED / Remote electronic power supply to be ordered / CRI>80



3,3W/24Vdc / Total power 4,5W

**1055622**

White 2700K  
lm LED 299  $\approx$  lm OUTPUT 268



**1055612**

White 3000K  
lm LED 321  $\approx$  lm OUTPUT 288



**10517212**

White 4000K  
lm LED 342  $\approx$  lm OUTPUT 306

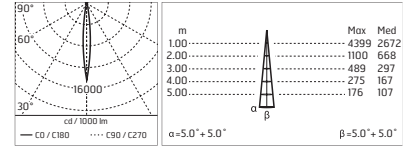


3,3÷4,8W / Total power 3,3W@350mA - 5,1W@500mA / 350÷500mA

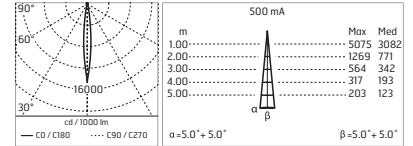
**10510722**

White 2700K  
lm LED 299@350mA  $\approx$  lm OUTPUT 268@350mA  
lm LED 388@500mA  $\approx$  lm OUTPUT 299@500mA

Acc. 129, 135, 184, 218, 238 or 239



@4000K



@4000K

**10510712**

White 3000K  
lm LED 321@350mA  $\approx$  lm OUTPUT 288@350mA  
lm LED 417@500mA  $\approx$  lm OUTPUT 322@500mA

Acc. 129, 135, 184, 218, 238 or 239

**10519012**

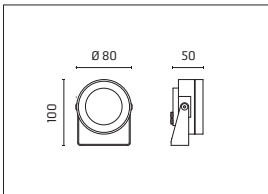
White 4000K  
lm LED 342@350mA  $\approx$  lm OUTPUT 307@350mA  
lm LED 444@500mA  $\approx$  lm OUTPUT 353@500mA

Acc. 129, 135, 184, 218, 238 or 239

IP67

## Martina - Transparent Glass - Adjustable - 10°

Light Source: RGB Power LED / 3,4W / Total power 3,4W / 3CHx350mA / Remote electronic power supply to be ordered



**10517412**



### Wiring diagram and installation scheme RGB

Max 10 luminaires MARTINA RGB for each code 141

>> See Page 560  
Wiring Diagram n.5

IP67

## Martina - Transparent Glass - Adjustable - 35°

Light Source: RGB Power LED / 3,4W / Total power 3,4W / 3CHx350mA / Remote electronic power supply to be ordered

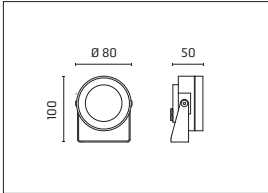


10517400

### Wiring diagram and installation scheme RGB

Max 10 luminaires MARTINA RGB  
for each code 141

>> See Page 560  
Wiring Diagram n.5



IP67

## Martina - Transparent Glass - Adjustable - 50°

Light Source: Power LED / CRI>80 / Remote electronic power supply to be ordered



3,3W / Total power 4,5W / 24Vdc

1055620

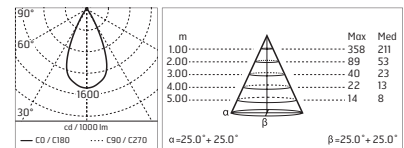
White 2700K  
lm LED 299 ≠ lm OUTPUT 212

1055600

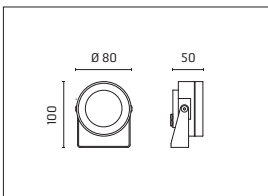
White 3000K  
lm LED 321 ≠ lm OUTPUT 228

10517200

White 4000K  
lm LED 342 ≠ lm OUTPUT 243



@4000K

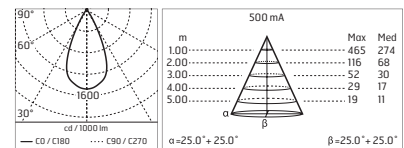


3,3÷4,8W / Total power 3,3W@350mA - 5,1W@500mA / 350÷500mA

10510720

White 2700K  
lm LED 299@350mA ≠ lm OUTPUT 212@350mA  
lm LED 388@500mA ≠ lm OUTPUT 276@500mA

Acc. 129, 135, 184, 218, 238 or 239



@4000K

10510700

White 3000K  
lm LED 321@350mA ≠ lm OUTPUT 228@350mA  
lm LED 417@500mA ≠ lm OUTPUT 297@500mA

Acc. 129, 135, 184, 218, 238 or 239

10519000

White 4000K  
lm LED 342@350mA ≠ lm OUTPUT 243@350mA  
lm LED 444@500mA ≠ lm OUTPUT 316@500mA

Acc. 129, 135, 184, 218, 238 or 239

IP67

### MaxiMartina - Transparent Glass - Adjustable - 10°

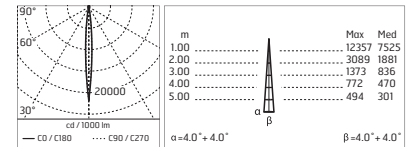
Light Source: Power LED / 9,6W / Total power 11,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



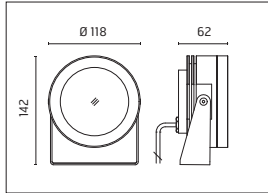
**10525522**  
White 2700K  
lm LED 776 ≠ lm OUTPUT 498

**10525512**  
White 3000K  
lm LED 834 ≠ lm OUTPUT 535

**10525412**  
White 4000K  
lm LED 889 ≠ lm OUTPUT 570



@4000K



Dimmable on request

IP67

### MaxiMartina - Transparent Glass - Adjustable - 10°

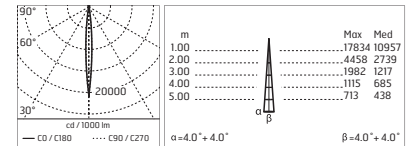
Light Source: Power LED / 14,4W / Total power 17W / CRI>80 / 24Vdc



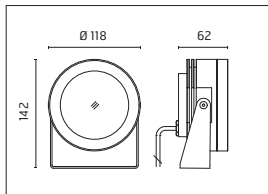
**10525222**  
White 2700K  
lm LED 1164 ≠ lm OUTPUT 747

**10525212**  
White 3000K  
lm LED 1252 ≠ lm OUTPUT 803

**10525112**  
White 4000K  
lm LED 1333 ≠ lm OUTPUT 855



@4000K



Dimmable on request

IP67

### MaxiMartina - Transparent Glass - Adjustable - 10°

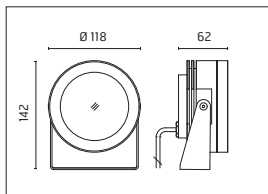
Light Source: RGB Power LED / 13,6W / Total power 13,6W / 3CHx350mA / Remote electronic power supply to be ordered



**10525612**

**Wiring diagram and installation scheme RGB**  
Max 2 luminaires MAXIMARTINA RGB  
for each code 141

>> See Page 560  
Wiring Diagram n.5



IP67



### MaxiMartina - Transparent Glass - Adjustable - 30°

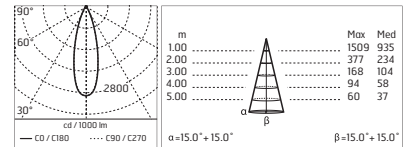
Light Source: Power LED / 9,6W / Total power 11,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



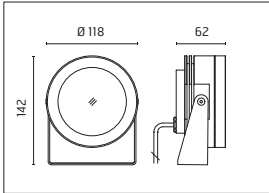
**10525520**  
White 2700K  
lm LED 776 ≈ lm OUTPUT 486

**10525500**  
White 3000K  
lm LED 834 ≈ lm OUTPUT 523

**10525400**  
White 4000K  
lm LED 889 ≈ lm OUTPUT 558



@4000K



Dimmable on request

IP67

### MaxiMartina - Transparent Glass - Adjustable - 30°

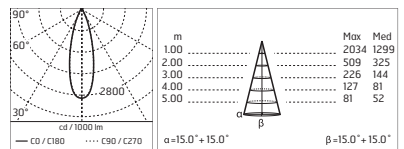
Light Source: Power LED / 14,4W / Total power 17W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



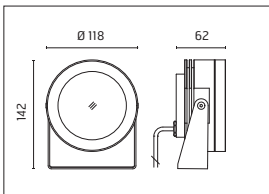
**10525220**  
White 2700K  
lm LED 1164 ≈ lm OUTPUT 730

**10525200**  
White 3000K  
lm LED 1252 ≈ lm OUTPUT 785

**10525100**  
White 4000K  
lm LED 1333 ≈ lm OUTPUT 836



@4000K



Dimmable on request

IP67

### MaxiMartina - Transparent Glass - Adjustable - 35°

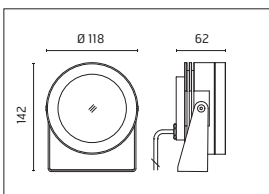
Light Source: RGB Power LED / 13,6W / Total power 13,6W / 3CHx350mA / Remote electronic power supply to be ordered



**10525600**

**Wiring diagram and installation scheme RGB**  
Max 2 luminaires MAXIMARTINA RGB  
for each code 141

>> See Page 560  
Wiring Diagram n.5

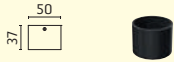


IP67

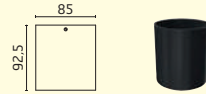


**Accessories: Martina**

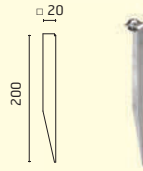
**52**  
VISOR MINIMARTINA



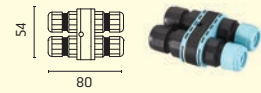
**51**  
VISOR MARTINA



**136**  
GROUND SPIKE - H 200mm



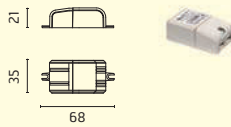
**215**  
3/4 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)



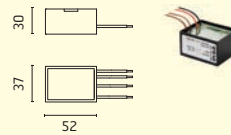
**236**  
2 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5÷12mm CABLE)



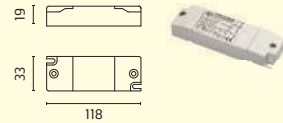
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP20 CLASS II SELV EQ.



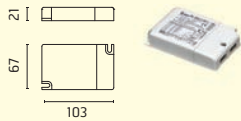
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



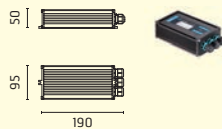
**68**  
POWER SUPPLY 10x1W/100÷265V -  
Iout 350mA (7x1W@110V) IP40  
CLASS II SELV EQ.



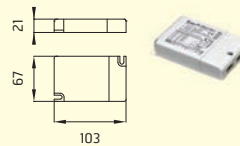
**129**  
POWER SUPPLY 16x1W/110÷240V -  
Iout 350mA (12x1W@110V)  
IP20 CLASS II SELV EQ.



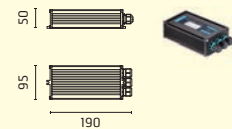
**184**  
POWER SUPPLY 16x1W/110÷240V -  
Iout 350mA (12x1W@110V)  
IP67 CLASS II SELV.



**135**  
POWER SUPPLY 13x2W/110÷240V -  
Iout 500mA (7x2W@110V)  
IP20 CLASS II SELV EQ.



**218**  
POWER SUPPLY 13x2W/110÷240V -  
Iout 500mA (7x2W@110V)  
IP67 CLASS II SELV.



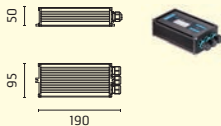
...||| DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.3

...||| DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.3

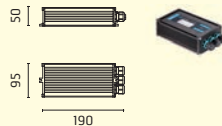
...||| DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.3

DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.3

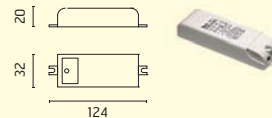
**238**  
POWER SUPPLY 18W/110-240V -  
Iout 350mA (15W@110V)  
IP67 CLASS II SELV.



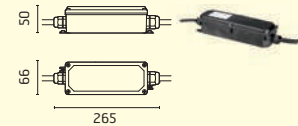
**239**  
POWER SUPPLY 25W/110-240V -  
Iout 500mA (15W@110V)  
IP67 CLASS II SELV.



**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



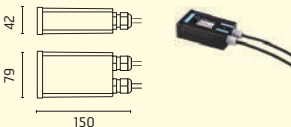
**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.



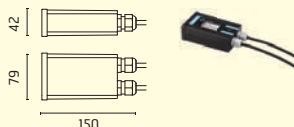
...||| DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.3

...||| DIMMABLE: DALI  
See Page 558 Wiring Diagram n.3

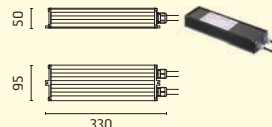
**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP67 CLASS II SELV.



**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



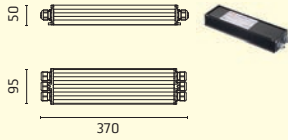
**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.





**Accessories: Martina**

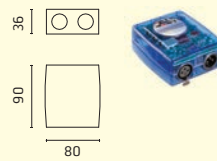
**141**  
POWER SUPPLY WITH DMX  
INTERFACE FOR RGB FIXTURES  
36W/220÷240V-3CHx350mA  
(3CHx10x1W) DMX CONTROL ALLOWED  
IP67 CLASS I SELV EQ.



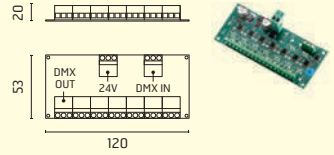
**142**  
DMX CONTROLLER;  
DIMMER SWITCH FOR RECESSED BOX  
(60mm HOLE CENTRES)



**143**  
DMX CONTROLLER;  
STAND-ALONE/PC INTERFACE



**187**  
DMX SPLITTER 512 - ELECTRONIC  
DEVICE TO REGENERATE THE MONODI-  
RECTIONAL DMX SIGNAL  
1 INPUT AND 7 OUTPUT, 12-24Vdc



**186**  
DMX CABLE - SHIELDED TWISTED PAIR  
WITH 110 Ohm CONSTANT IMPEDANCE.



**POWER SUPPLY TO BE ORDERED (87 OR 175 RECOMMENDED)**

acc. code ▶ prod. code ▼	51	52	136	215	236	150	106	68	129	184	135	218	238	239	87	175	147	155	110	141	142	143	187	186
1055600	•		•	•	•	1	1								2	2	3	7	14					
1055612	•		•	•	•	1	1								2	2	3	7	14					
1055620	•		•	•	•	1	1								2	2	3	7	14					
1055622	•		•	•	•	1	1								2	2	3	7	14					
10510700	•		•		•	2	2	3	5*	5*	2*	2*	3*	3*										
10510712	•		•		•	2	2	3	5*	5*	2*	2*	3*	3*										
10510720	•		•		•	2	2	3	5*	5*	2*	2*	3*	3*										
10510722	•		•		•	2	2	3	5*	5*	2*	2*	3*	3*										
10514400		•	•			6	6	10	16*	16*	12*	12*	9*	9*										
10514412		•	•			6	6	10	16*	16*	12*	12*	9*	9*										
10514420		•	•			6	6	10	16*	16*	12*	12*	9*	9*										
10514422		•	•			6	6	10	16*	16*	12*	12*	9*	9*										
10517100		•	•			6	6	10	16*	16*	12*	12*	9*	9*										
10517112		•	•			6	6	10	16*	16*	12*	12*	9*	9*										
10517200	•		•	•	•	1	1								2	2	3	7	14					
10517212	•		•	•	•	1	1								2	2	3	7	14					
10517300		•	•																	10*	•	•	•	•
10517400	•		•																	10*	•	•	•	•
10517412	•		•																	10*	•	•	•	•
10519000	•		•		•	2	2	3	5*	5*	2*	2*	3*	3*										
10519012	•		•		•	2	2	3	5*	5*	2*	2*	3*	3*										
10525100			•	•	•													1	3					
10525112			•	•	•													1	3					
10525200			•	•	•													1	3					
10525212			•	•	•													1	3					
10525220			•	•	•													1	3					
10525222			•	•	•													1	3					
10525400			•	•	•												1	2	5					
10525412			•	•	•												1	2	5					
10525500			•	•	•												1	2	5					
10525512			•	•	•												1	2	5					
10525520			•	•	•												1	2	5					
10525522			•	•	•												1	2	5					
10525600			•																	2*	•	•	•	•
10525612			•																	2*	•	•	•	•

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.  
\* The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.





# MARTINA AQUA

- Adjustable spotlight.
- Configuration: AISI 316L stainless steel structure and adjustable bracket. Glass diffuser: transparent or sandblasted with silkscreen border, fixed through a robotic gluing system.
- Protection rating: IP68
- In compliance with EN60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with 5000mm cable. Martina Aqua 24V and Maxi Martina Aqua 24V are equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and protects against polarity reversal and sudden voltage peak. Parallel wiring required. Mini Martina Aqua, Martina Aqua RGB and Maxi Martina Aqua RGB requires connection in series. SELV equivalent remote power supply required.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



.0 Inox



Ceiling lamp



Wall lamp



Floor installation



Pre-wired with approx 5000mm of cable



Remote electronic power supply



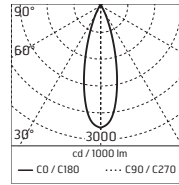
Protection against impact.  
IK 05 - 0,70 joule  
MiniMartina 316L  
IK 07 - 2,00 joule  
Martina 316L/MaxiMartina 316L

### MiniMartina Aqua - Inox 316L Underwater - Transparent Glass - Adjustable - 30°

Light Source: Power LED / 1,1W / Total power 1,1W / CRI>80 / 350mA / Remote electronic power supply to be ordered

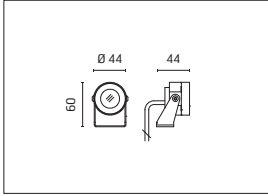


**105171143**  
 White 4000K  
 lm LED 130 ≈ lm OUTPUT 110  
 Acc. 184 or 238



m	Max	Med
1.00	301	186
2.00	75	47
3.00	33	21
4.00	19	12
5.00	12	7

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$



2700K and 3000K on request

IP68 (1MT)

### MiniMartina Aqua - Inox 316L Underwater - Sandblasted Glass - Adjustable

Light Source: RGB Power LED / 3,4W / Total power 3,4W / 3CHx350mA / Remote electronic power supply to be ordered

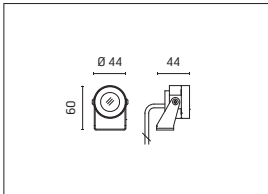


**105173143**

#### Wiring diagram and installation scheme RGB

Max 10 luminaires MINIMARTINA AQUA RGB  
 for each code 141

>> See Page 560  
 Wiring Diagram n.5



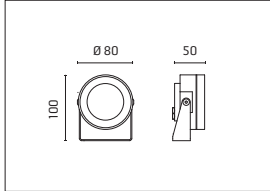
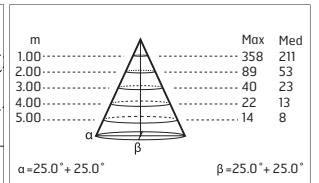
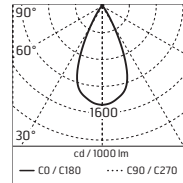
IP68 (1MT)

### Martina Aqua - Inox 316L Underwater - Transparent Glass - Adjustable - 50°

Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**105172144**  
White 4000K  
lm LED 342 ≈ lm OUTPUT 243



2700K and 3000K on request

IP68 (1MT)

### Martina Aqua - Inox 316L Underwater - Transparent Glass - Adjustable - 35°

Light Source: RGB Power LED / 3,4W / Total power 3,4W / 3CHx350mA / Remote electronic power supply to be ordered

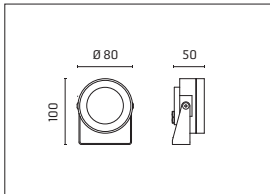


**105174144**

**Wiring diagram and installation scheme RGB**

Max 10 luminaires MARTINA AQUA RGB  
for each code 141

>> See Page 560  
Wiring Diagram n.5



IP68 (1MT)

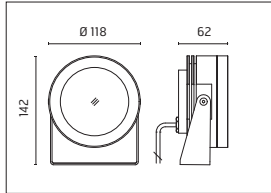
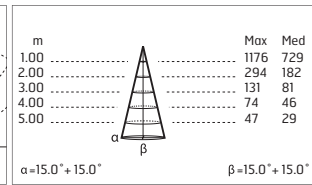
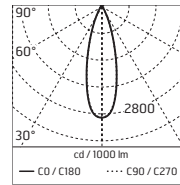


### MaxiMartina Aqua / Inox 316L Underwater - Transparent Glass - Adjustable - 30°

Light Source: Power LED / 6,6W / Total power 9W / CRI>80 / 4Vdc / Remote electronic power supply to be ordered



**105266145**  
White 4000K  
lm LED 687 ≈ lm OUTPUT 435



2700K and 3000K on request

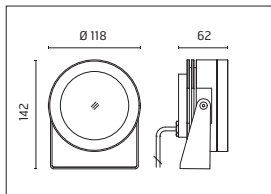
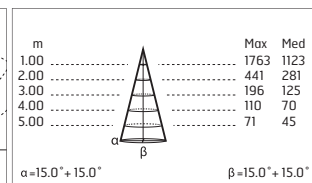
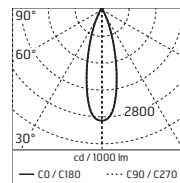
IP68 (1MT)

### MaxiMartina Aqua / Inox 316L Underwater - Transparent Glass - Adjustable - 30°

Light Source: Power LED / 9,9W / Total power 14,7W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**105211145**  
White 4000K  
lm LED 1031 ≈ lm OUTPUT 723



2700K and 3000K on request

IP68 (1MT)

### MaxiMartina Aqua RGB / Inox 316L Underwater - Transparent Glass - Adjustable - 35°

Light Source: RGB Power LED / 13,6W / Total power 13,6W / 3CHx350mA / Remote electronic power supply to be ordered

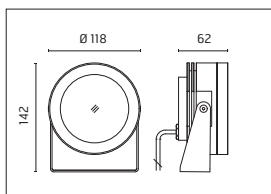


**105256145**

#### Wiring diagram and installation scheme RGB

Max 2 luminaires MAXIMARTINA AQUA RGB for each code 141

>> See Page 560  
Wiring Diagram n.5



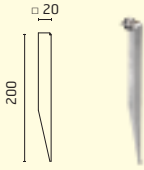
2700K and 3000K on request

IP68 (1MT)

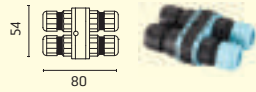


**Accessories: Martina Aqua**

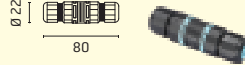
**136**  
GROUND SPIKE - H 200mm



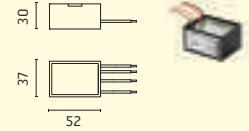
**215**  
3/4 WAY TERMINAL BLOCK 4 POLES  
IP68 H2O STOP (Ø5,5÷12mm CABLE)



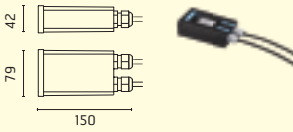
**236**  
2 WAY TERMINAL BLOCK 4 POLES  
IP68 H2O STOP (Ø5,5÷12mm CABLE)



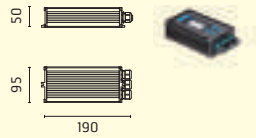
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP67 CLASS II SELV.

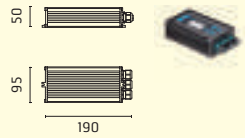


**184**  
POWER SUPPLY 16x1W/110÷240V -  
Iout 350mA (12x1W@110V)  
IP67 CLASS II SELV.



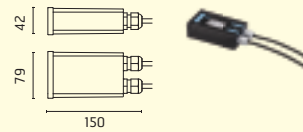
...DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.3

**238**  
POWER SUPPLY 18W/110-240V -  
Iout 350mA (15W@110V)  
IP67 CLASS II SELV.C



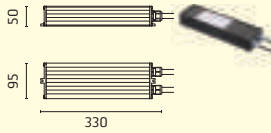
...DIMMABLE: DALI  
See Page 558 Wiring Diagram n.3

**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.

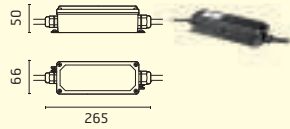


**Accessories: Martina Aqua**

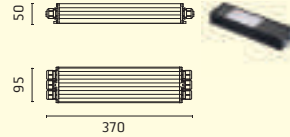
**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.



**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.



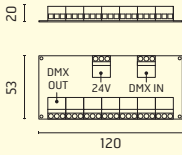
**141**  
POWER SUPPLY WITH DMX  
INTERFACE FOR RGB FIXTURES  
36W/220÷240V-3CHx350mA  
(3CHx10x1W) DMX CONTROL  
ALLOWED IP67 CLASS I SELV EQ.



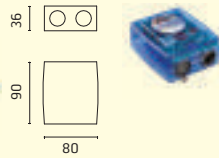
**142**  
DMX CONTROLLER;  
DIMMER SWITCH FOR RECESSED BOX  
(60mm HOLE CENTRES)



**187**  
DMX SPLITTER 512 - ELECTRONIC DEVICE  
TO REGENERATE THE MONODIRECTIONAL  
DMX SIGNAL  
1 INPUT AND 7 OUTPUT, 12-24V dc



**143**  
DMX CONTROLLER;  
STAND-ALONE/PC INTERFACE



**186**  
DMX CABLE - SHIELDED TWISTED  
PAIR WITH 110 Ohm CONSTANT  
IMPEDANCE.



**POWER SUPPLY TO BE ORDERED (87 OR  
175 RECOMMENDED)**

acc. code ▶	136	215	236	106	175	184	238	147	155	110	141	142	143	187	186
105171143	•			6		16*	9*								
105173143	•										10*	•	•	•	•
105172144	•	•	•	1	2			3	7	14					
105174144	•										10*	•	•	•	•
105211145	•	•	•						3	6					
105256145	•										2*	•	•	•	•
105266145	•	•	•			1			3	7					

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.

\* The voltage at the end of the system depends on the number of fixtures connected in series, please comply with CEI 64-8 standards.





- Spotlight for installation on wall, ceiling or floor.
- Configuration: turned aluminium body (EN AW 6060) and AISI 316L stainless steel fixing bracket. Glass diffuser: extra clear with silk-screen border, fixed to the body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders which are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components which have been sand-blasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: III
- Installation: the luminaire is equipped with 2000mm cable for an easy-to-make connection. It is equipped with a dc/dc highly efficient resin-coated converter that removes electromagnetic interference and protects against polarity reversal and sudden voltage peak. Parallel wiring required.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



\*AISI 316L stainless steel fixing bracket not painted.



Floor installation



Ceiling fitting



Wall fitting



Pre-wired with approx 2000mm of cable.



Remote device required.



Protection against impact.  
IK 05 - 0,70 joule for Pi 50x50  
IK 07 - 2,00 joule for Pi 70x70

### Pi - 50x50mm - Adjustable - 10°

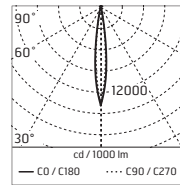
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**509005**  
White 2700K  
lm LED 169 ≠ lm OUTPUT 118

**509003**  
White 3000K  
lm LED 182 ≠ lm OUTPUT 127

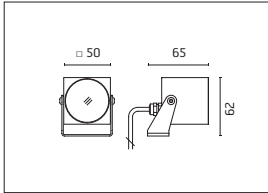
**509002**  
White 4000K  
lm LED 198 ≠ lm OUTPUT 138



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

α = 5.0° + 5.0°      β = 5.0° + 5.0°

@4000K



Dimmable on request

IP65

### Pi - 50x50mm - Adjustable - 30°

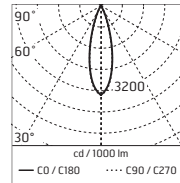
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**509015**  
White 2700K  
lm LED 169 ≠ lm OUTPUT 106

**509013**  
White 3000K  
lm LED 182 ≠ lm OUTPUT 114

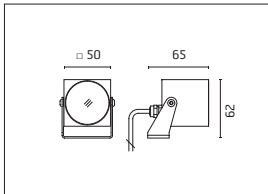
**509012**  
White 4000K  
lm LED 198 ≠ lm OUTPUT 125



m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

α = 15.0° + 15.0°      β = 15.0° + 15.0°

@4000K



Dimmable on request

IP65

### Pi - 50x50mm - Adjustable - 10°

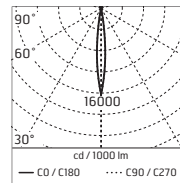
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**509025**  
White 2700K  
lm LED 307 ≠ lm OUTPUT 219

**509023**  
White 3000K  
lm LED 330 ≠ lm OUTPUT 236

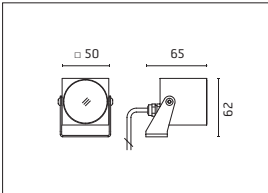
**509022**  
White 4000K  
lm LED 360 ≠ lm OUTPUT 258



m	lux	
	Max	Med
1.00	4368	2691
2.00	1092	673
3.00	485	299
4.00	277	168
5.00	175	108

α = 5.0° + 5.0°      β = 5.0° + 5.0°

@4000K



Dimmable on request

IP65

### Pi - 50x50mm - Adjustable - 30°

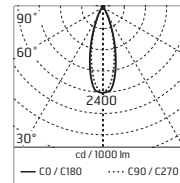
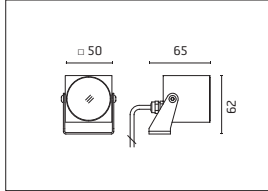
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**509035**  
White 2700K  
lm LED 307 ≈ lm OUTPUT 176

**509033**  
White 3000K  
lm LED 330 ≈ lm OUTPUT 189

**509032**  
White 4000K  
lm LED 360 ≈ lm OUTPUT 207



m	lux	
	Max	Med
1.00	524	318
2.00	131	79
3.00	58	35
4.00	33	20
5.00	21	13

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$

@4000K

Dimmable on request

IP65

### Pi - 70x70mm - Adjustable - 10°

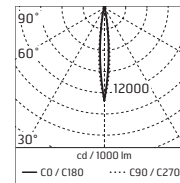
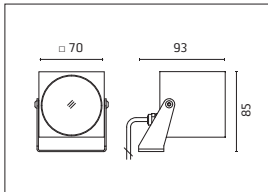
Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**509045**  
White 2700K  
lm LED 388 ≈ lm OUTPUT 309

**509043**  
White 3000K  
lm LED 417 ≈ lm OUTPUT 332

**509042**  
White 4000K  
lm LED 444 ≈ lm OUTPUT 353



m	lux	
	Max	Med
1.00	5338	3170
2.00	1334	793
3.00	593	352
4.00	334	198
5.00	214	127

$\alpha = 5.0^\circ + 5.0^\circ$        $\beta = 5.0^\circ + 5.0^\circ$

@4000K

Dimmable on request

IP65

### Pi - 70x70mm - Adjustable - 50°

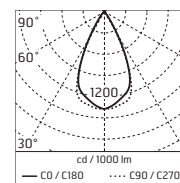
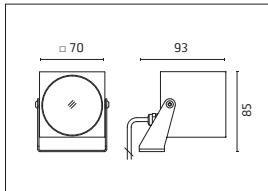
Light Source: Power LED / 4,8W / Total power 5,9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**509055**  
White 2700K  
lm LED 388 ≈ lm OUTPUT 273

**509053**  
White 3000K  
lm LED 417 ≈ lm OUTPUT 294

**509052**  
White 4000K  
lm LED 444 ≈ lm OUTPUT 326



m	lux	
	Max	Med
1.00	524	308
2.00	131	77
3.00	58	34
4.00	33	19
5.00	21	12

$\alpha = 25.0^\circ + 25.0^\circ$        $\beta = 25.0^\circ + 25.0^\circ$

@4000K

Dimmable on request

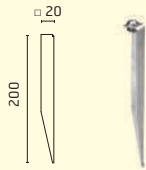
IP65



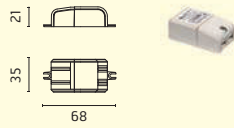


**Accessories: Pi**

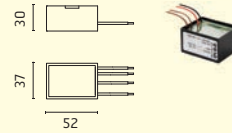
**136**  
GROUND SPIKE - H 200mm



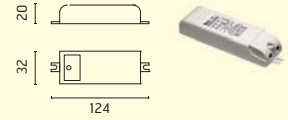
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP20 CLASS II SELV EQ.



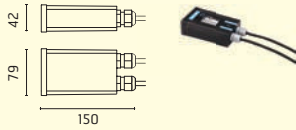
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



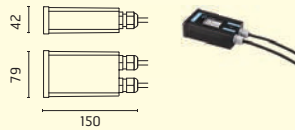
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



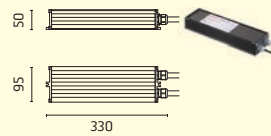
**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP67 CLASS II SELV.



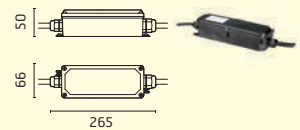
**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.



**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.



acc. code ▶	136	150	106	87	175	147	155	110
509002	●	1	1	2	2	3	9	17
509003	●	1	1	2	2	3	9	17
509005	●	1	1	2	2	3	9	17
509012	●	1	1	2	2	3	9	17
509013	●	1	1	2	2	3	9	17
509015	●	1	1	2	2	3	9	17
509022	●	1	1	2	2		7	14
509023	●	1	1	2	2		7	14
509025	●	1	1	2	2		7	14
509032	●	1	1	2	2		7	14
509033	●	1	1	2	2		7	14
509035	●	1	1	2	2		7	14
509042	●			1	1	2	6	12
509043	●			1	1	2	6	12
509045	●			1	1	2	6	12
509052	●			1	1	2	6	12
509053	●			1	1	2	6	12
509055	●			1	1	2	6	12

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.











## Pan - Adjustable - 20°

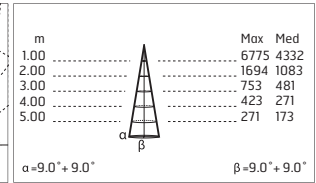
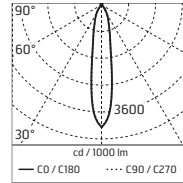
Light Source: CoB LED / 12W / Total power 15W / CRI>80 / 220÷240V / Integral electronic power supply



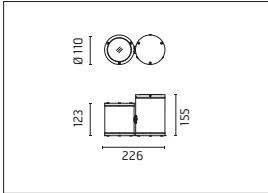
**504050**  
**504050-300** Dimmable Dali  
**504050-310** Dimmable 1-10  
 White 2700K  
 lm LED 1650 ≈ lm OUTPUT 1455

**504012**  
**504012-300** Dimmable Dali  
**504012-310** Dimmable 1-10  
 White 3000K  
 lm LED 1774 ≈ lm OUTPUT 1564

**504011**  
**504011-300** Dimmable Dali  
**504011-310** Dimmable 1-10  
 White 4000K  
 lm LED 1829 ≈ lm OUTPUT 1641



@4000K



IP65

## Pan - Adjustable - 40°

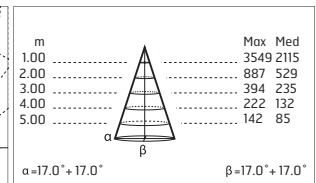
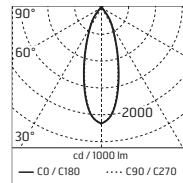
Light Source: CoB LED / 12W / Total power 15W / CRI>80 / 220÷240V / Integral electronic power supply



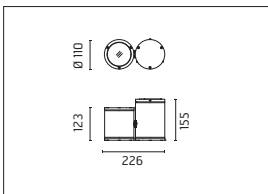
**504052**  
**504052-300** Dimmable Dali  
**504052-310** Dimmable 1-10  
 White 2700K  
 lm LED 1650 ≈ lm OUTPUT 1443

**504009**  
**504009-300** Dimmable Dali  
**504009-310** Dimmable 1-10  
 White 3000K  
 lm LED 1774 ≈ lm OUTPUT 1552

**504008**  
**504008-300** Dimmable Dali  
**504008-310** Dimmable 1-10  
 White 4000K  
 lm LED 1829 ≈ lm OUTPUT 1628



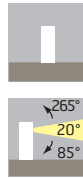
@4000K



IP65

### Pan on Post - Adjustable - 20°

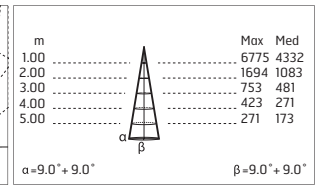
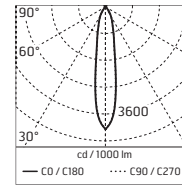
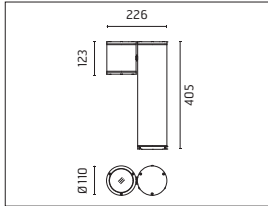
Light Source: CoB LED / 12W / Total power 15W / CRI>80 / 220÷240V / Integral electronic power supply



**504054**  
**504054-300** Dimmable Dali  
**504054-310** Dimmable 1-10  
 White 2700K  
 lm LED 1650 ≠ lm OUTPUT 1455

**504027**  
**504027-300** Dimmable Dali  
**504027-310** Dimmable 1-10  
 White 3000K  
 lm LED 1774 ≠ lm OUTPUT 1564

**504026**  
**504026-300** Dimmable Dali  
**504026-310** Dimmable 1-10  
 White 4000K  
 lm LED 1829 ≠ lm OUTPUT 1641

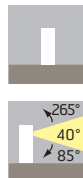


@4000K

IP65

### Pan on Post - Adjustable - 40°

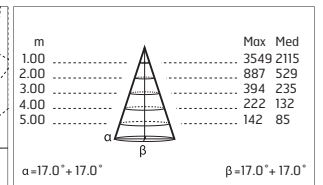
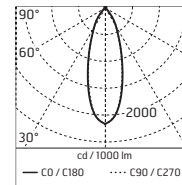
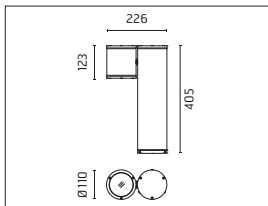
Light Source: CoB LED / 12W / Total power 15W / CRI>80 / 220÷240V / Integral electronic power supply



**504056**  
**504056-300** Dimmable Dali  
**504056-310** Dimmable 1-10  
 White 2700K  
 lm LED 1650 ≠ lm OUTPUT 1443

**504024**  
**504024-300** Dimmable Dali  
**504024-310** Dimmable 1-10  
 White 3000K  
 lm LED 1774 ≠ lm OUTPUT 1552

**504023**  
**504023-300** Dimmable Dali  
**504023-310** Dimmable 1-10  
 White 4000K  
 lm LED 1829 ≠ lm OUTPUT 1628



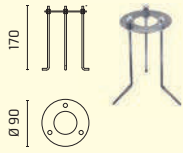
@4000K

IP65

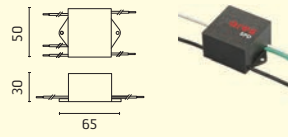


## Accessories: Pan

**140**  
 BASE PLATE AND FIXING BOLTS  
 Ø 90 x H 170mm



**237**  
 SPD: (SURGE PROTECTION DEVICE)  
 275Vac  
 MAXIMUM DISCHARGE CURRENT  
 10KA (8/20µs)  
 MAXIMUM OPERATING CURRENT 5A  
 SUITABLE FOR SERIES CONNEC-  
 TION - IP66



acc. code ▶	dimmi DALI	dimmi 1-10	140	237
504008	-300	-310	•	•
504009	-300	-310	•	•
504011	-300	-310	•	•
504012	-300	-310	•	•
504023	-300	-310	•	•
504024	-300	-310	•	•
504026	-300	-310	•	•
504027	-300	-310	•	•
504050	-300	-310	•	•
504052	-300	-310	•	•
504054	-300	-310	•	•
504056	-300	-310	•	•





- Slim round luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), stainless steel bracket and transparent polycarbonate emitting unit.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: II; 24V version: III
- Installation: the luminaire is equipped with a piece of neoprene cable (approx. 200mm) for an easy-to-make connection. Direct screwing on surface through the stainless steel bracket.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Wall fitting



Pre-wired with approx  
200mm of cable



Remote device required  
for low voltage version



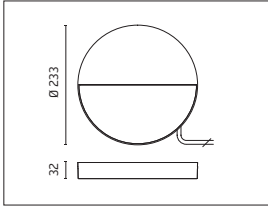
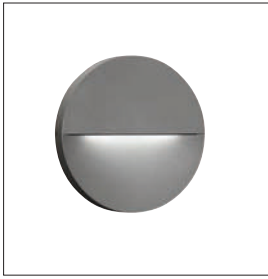
Protection against  
impact  
IK 09 - 10,00 joule



Glow wire test: 650°C

# Eclipse

Light Source: Mid-Power LED / CRI>80

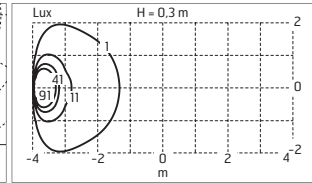
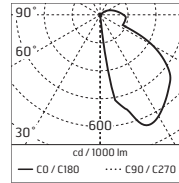


6W / Total power 10W / 220÷240V / Integral electronic power supply

**542007**  
White 2700K  
lm LED 739 ≠ lm OUTPUT 387

**542003**  
White 3000K  
lm LED 795 ≠ lm OUTPUT 416

**542002**  
White 4000K  
lm LED 835 ≠ lm OUTPUT 437



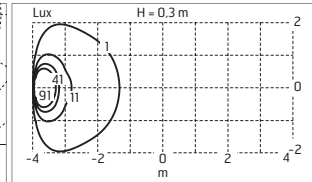
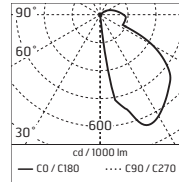
@4000K

6W / Total power 7,5W / 24Vdc / Remote electronic power supply to be ordered

**542009**  
White 2700K  
lm LED 739 ≠ lm OUTPUT 387  
Acc. 144, 176 or 252

**542006**  
White 3000K  
lm LED 795 ≠ lm OUTPUT 416  
Acc. 144, 176 or 252

**542005**  
White 4000K  
lm LED 835 ≠ lm OUTPUT 437  
Acc. 144, 176 or 252

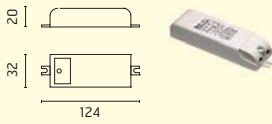


@4000K

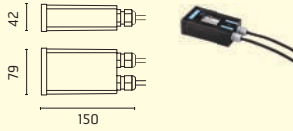
IP65

## Accessories: Eclipse

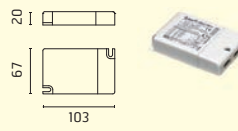
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



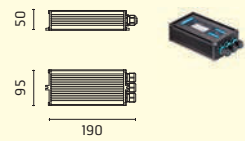
**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc  
IP67 CLASS II SELV.



**144**  
POWER SUPPLY 17W/110÷240V  
- 24Vdc (15W@110V) IP20 CLASS  
II SELV.



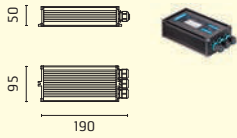
**176**  
POWER SUPPLY 17W/110÷240V  
- 24Vdc (15W@110V) IP67 CLASS  
II SELV.



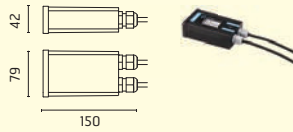
... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

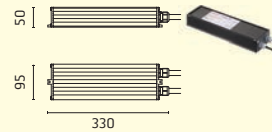
**252**  
POWER SUPPLY 20W/110-240Vdc  
(15W@110V) IP67 CLASS II SELV.



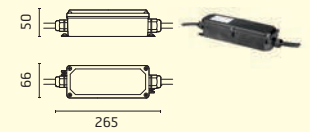
**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.

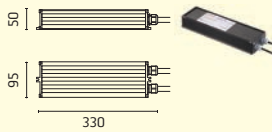


**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.

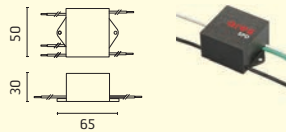


... DIMMABLE: DALI  
See Page 558 Wiring Diagram n.4

**156**  
POWER SUPPLY 96W /120÷277V -  
24Vdc IP67 CLASS II SELV.



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac MAXIMUM DISCHARGE CUR-  
RENT 10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION  
- IP66



acc. code ▶	87	175	144	176	252	147	155	110	156	237
542002										•
542003										•
542005	1	1	2	2	2	2	6	9	12	
542006	1	1	2	2	2	2	6	9	12	
542007										•
542009	1	1	2	2	2	2	6	9	12	

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.





- Rectangular luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), stainless steel bracket and transparent polycarbonate emitting unit. Optional accessory: aluminium reflector (fixed by a double-sided technical tape)
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: II; 24V version: III
- Installation: the luminaire is equipped with a piece of neoprene cable (approx. 200mm) for an easy-to-make connection. Direct screwing on surface through the stainless steel bracket.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

**A++**  
**A+**  
**A**

**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



Wall fitting

Bollard light

Pre-wired with approx 200mm of cable.

Remote device required for low voltage version

Protection against impact.  
IK 09 - 10,00 joule

## Hyperion

Light Source: Mid-Power LED / CRI>80

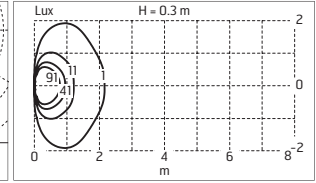
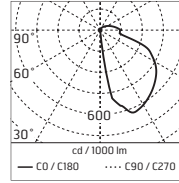


□ 6W / Total power 10W / 220÷240V / Integral electronic power supply

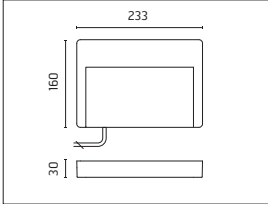
**527005**  
White 2700K  
lm LED 739 ≠ lm OUTPUT 370

**527003**  
White 3000K  
lm LED 795 ≠ lm OUTPUT 398

**527002**  
White 4000K  
lm LED 835 ≠ lm OUTPUT 418



@4000K

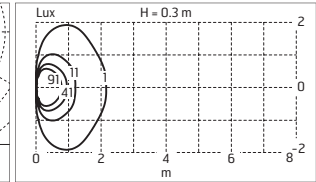
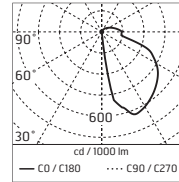


◇ 6W / Total power 7,5W / 24Vdc / Remote electronic power supply to be ordered

**527015**  
White 2700K  
lm LED 739 ≠ lm OUTPUT 370  
... Acc. 144, 176 or 252

**527013**  
White 3000K  
lm LED 795 ≠ lm OUTPUT 398  
... Acc. 144, 176 or 252

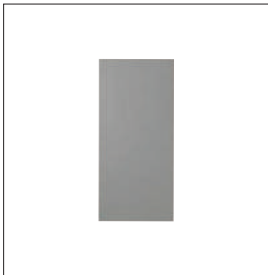
**527012**  
White 4000K  
lm LED 835 ≠ lm OUTPUT 418  
... Acc. 144, 176 or 252



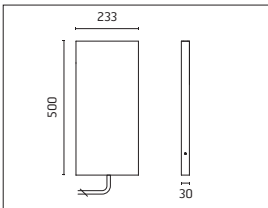
@4000K

IP65

## Hyperion Mid-Power LED / Pole



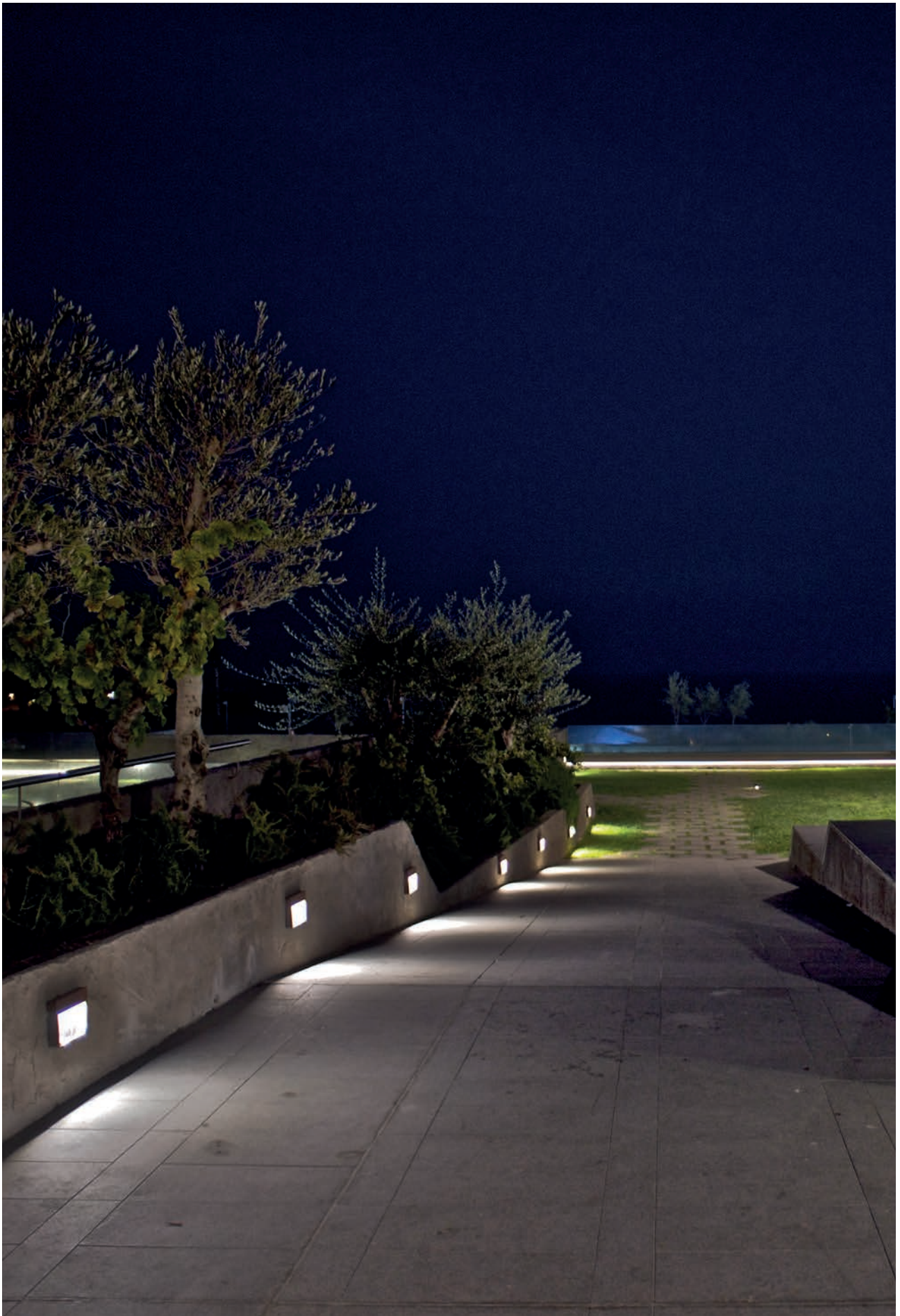
**245**  
H 500 mm





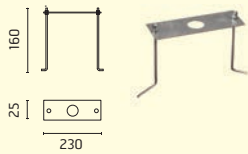




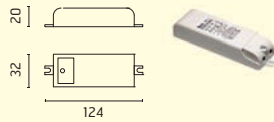


## Accessories: Hyperion

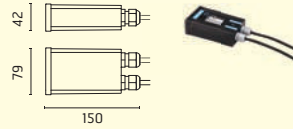
**247**  
BASE PLATE AND FIXING BOLTS  
230 x 25 H 160mm



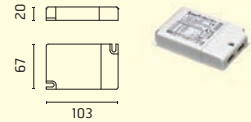
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP67 CLASS II SELV.

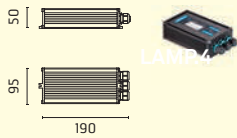


**144**  
POWER SUPPLY 17W/110÷240V -  
24Vdc (15W@110V) IP20 CLASS II  
SELV.



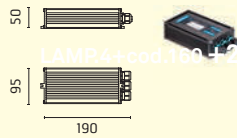
... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

**176**  
POWER SUPPLY 17W/110÷240V - 24Vdc  
(15W@110V) IP67 CLASS II SELV.



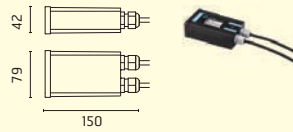
... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

**252**  
POWER SUPPLY 20W/110-240Vdc  
(15W@110V) IP67 CLASS II SELV.

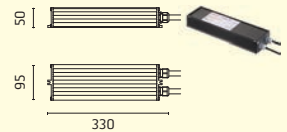


... DIMMABLE: DALI  
See Page 558 Wiring Diagram n.4

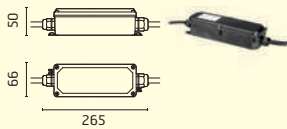
**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



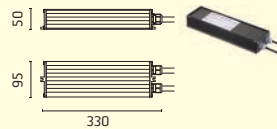
**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.



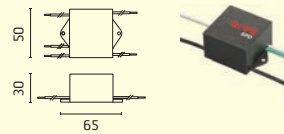
**110**  
POWER SUPPLY 70W/220÷240V - 24Vdc  
IP67 CLASS II SELV EQ.



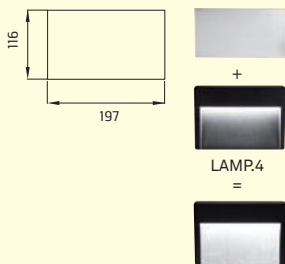
**156**  
POWER SUPPLY 96W /120÷277V - 24Vdc  
IP67 CLASS II SELV.



**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT 10KA  
(8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION  
- IP66



**160**  
SATIN ALUMINIUM CARTER  
THICKNESS 0.5mm



LAMP.4+cod.160 =+20% lm

acc. code ▶	160	87	175	144	176	252	147	155	110	156	237	247
prod. code ▼												
245												•
527002	•										•	
527003	•										•	
527005	•										•	
527012	•	1	1	2	2	2	2	6	9	12		
527013	•	1	1	2	2	2	2	6	9	12		
527015	•	1	1	2	2	2	2	6	9	12		

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.









## Giulia200

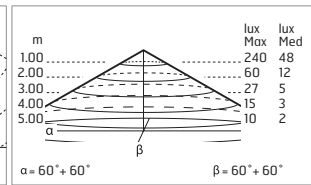
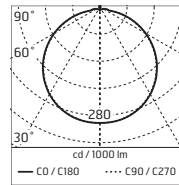
Light Source: Mid-Power LED / 8,8W / Total power 11W / CRI>80 / 220÷240V / Integral electronic power supply



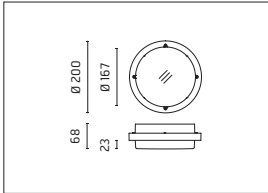
**544007**  
White 2700K  
lm LED 1202  $\approx$  lm OUTPUT 732

**544002**  
White 3000K  
lm LED 1292  $\approx$  lm OUTPUT 787

**544001**  
White 4000K  
lm LED 1334  $\approx$  lm OUTPUT 812



@4000K



IP66

## Giulia300

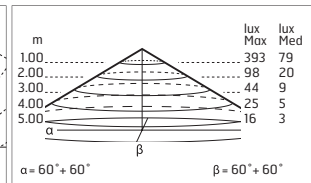
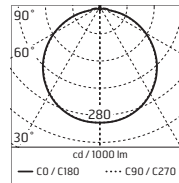
Light Source: Mid-Power LED / 14,3W / Total power 15,5W / CRI>80 / 220÷240V / Integral electronic power supply



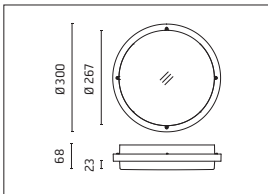
**544008**  
**544008-300** Dimmable Dali  
**544008-310** Dimmable 1-10  
White 2700K  
lm LED 1874  $\approx$  lm OUTPUT 1150

**544004**  
**544004-300** Dimmable Dali  
**544004-310** Dimmable 1-10  
White 3000K  
lm LED 2015  $\approx$  lm OUTPUT 1237

**544003**  
**544003-300** Dimmable Dali  
**544003-310** Dimmable 1-10  
White 4000K  
lm LED 2168  $\approx$  lm OUTPUT 1330



@4000K



IP66

## Giulia400

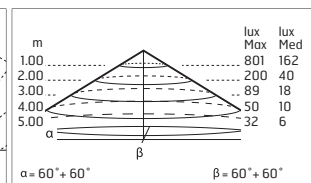
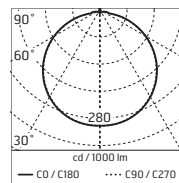
Light Source: Mid-Power LED / 19,8W / Total power 31,5W / CRI>80 / 110÷240V / Integral electronic power supply



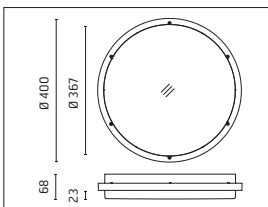
**544009**  
**544009-300** Dimmable Dali  
**544009-310** Dimmable 1-10  
White 2700K  
lm LED 3590  $\approx$  lm OUTPUT 2345

**544006**  
**544006-300** Dimmable Dali  
**544006-310** Dimmable 1-10  
White 3000K  
lm LED 3860  $\approx$  lm OUTPUT 2521

**544005**  
**544005-300** Dimmable Dali  
**544005-310** Dimmable 1-10  
White 4000K  
lm LED 4152  $\approx$  lm OUTPUT 2712



@4000K

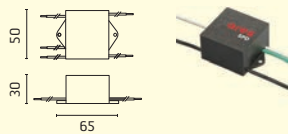


IP66

## Accessories: Giulia

### 237

SPD: (SURGE PROTECTION DEVICE)  
 275Vac  
 MAXIMUM DISCHARGE CURRENT  
 10KA (8/20µs)  
 MAXIMUM OPERATING CURRENT 5A  
 SUITABLE FOR SERIES CONNECTION  
 - IP66



acc. code ▶	dimmi DALI	dimmi 1-10	237
544001			•
544002			•
544003	-300	-310	•
544004	-300	-310	•
544005	-300	-310	•
544006	-300	-310	•
544007			•
544008	-300	-310	•
544009	-300	-310	•



# ARCADIA

- Linear luminaire for installation on wall or ceiling – surface mounted.
- Configuration: die-cast aluminium closing ends, EN AB-47100 alloy (low copper content), extruded aluminium structure and zinc-coated steel fixing brackets. Glass diffuser: transparent or sandblasted with silkscreen border, fixed to the aluminium through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN60598-1 standards
- Class of insulation: I; RGB: I
- Installation: the luminaire is equipped with a piece of cable (approx. 500mm) and an M16 cable-gland (4,5mm <math>\lt \varnothing < \varnothing < 10\text{mm}</math> cables) closed with a removable cap. The electrical components are installed on a removable frame accessible by unscrewing the closing ends. Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes

**A++**  
**A+**  
**A**  
**A+**

**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced

**FLUORESCENT VERSION:**  
Class A+  
T16/G5



Wall fitting



Ceiling fitting



The fitting is equipped with 1 cable (500mm) and 1 cable input



Protection against impact. IK 07 - 2,00 joule



### Arcadia640 - With Brackets L 80mm - Transparent Glass - Adjustable - 10°

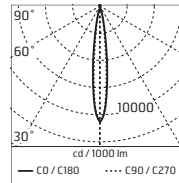
Light Source: Power LED / 13,2W / Total power 16W / CRI>80 / 220÷240V / Integral electronic power supply



**545070**  
**545070-300** Dimmable Dali  
**545070-310** Dimmable 1-10  
 White 2700K  
 lm LED 1339 ≈ lm OUTPUT 1222

**545003**  
**545003-300** Dimmable Dali  
**545003-310** Dimmable 1-10  
 White 3000K  
 lm LED 1440 ≈ lm OUTPUT 1314

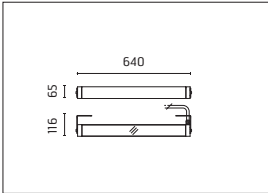
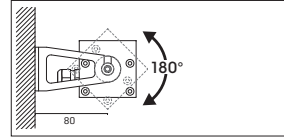
**545002**  
**545002-300** Dimmable Dali  
**545002-310** Dimmable 1-10  
 White 4000K  
 lm LED 1560 ≈ lm OUTPUT 1423



m	lux	
	Max	Med
1.00	15213	9757
2.00	3803	2439
3.00	1690	1084
4.00	951	610
5.00	609	390

$\alpha = 6.0^\circ + 6.0^\circ$        $\beta = 6.0^\circ + 6.0^\circ$

@4000K



IP65

### Arcadia640 - With Brackets L 80mm - Transparent Glass - Adjustable - 40°

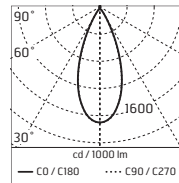
Light Source: Power LED / 13,2W / Total power 16W / CRI>80 / 220÷240V / Integral electronic power supply



**545072**  
**545072-300** Dimmable Dali  
**545072-310** Dimmable 1-10  
 White 2700K  
 lm LED 1339 ≈ lm OUTPUT 1070

**545006**  
**545006-300** Dimmable Dali  
**545006-310** Dimmable 1-10  
 White 3000K  
 lm LED 1440 ≈ lm OUTPUT 1151

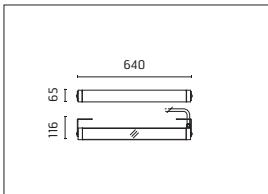
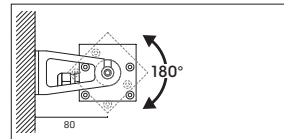
**545005**  
**545005-300** Dimmable Dali  
**545005-310** Dimmable 1-10  
 White 4000K  
 lm LED 1560 ≈ lm OUTPUT 1247



m	lux	
	Max	Med
1.00	2121	1266
2.00	530	317
3.00	236	141
4.00	133	79
5.00	85	51

$\alpha = 21.0^\circ + 21.0^\circ$        $\beta = 21.0^\circ + 21.0^\circ$

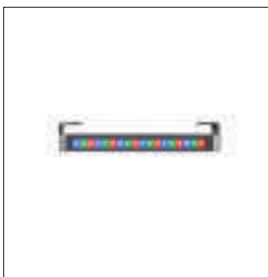
@4000K



IP65

### Arcadia640 - With Brackets L 80mm - Sandblasted Glass - Adjustable

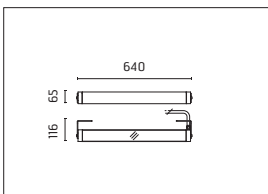
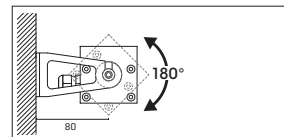
Light Source: RGB Power LED / 20,4W / Total power 28W / 230V / with DMX-RDM interface



**545100**

Wiring diagram and installation scheme RGB

>> See Page 561  
 Wiring Diagram n.8

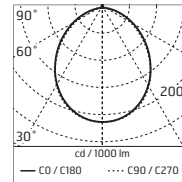
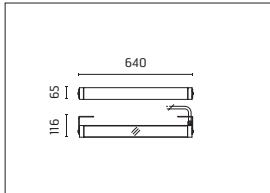


IP65

**Arcadia640 - With Brackets L 80mm - Sandblasted Glass - Adjustable**

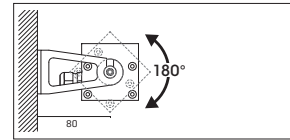


**545008**  
**545008-300** Dimmable Dali  
 T16 14W G5  
 Electronic ballast



m	lux	
	Max	Med
1.00	289	93
2.00	72	23
3.00	32	10
4.00	18	6
5.00	12	4

$\alpha = 50.0^\circ + 50.0^\circ$        $\beta = 50.0^\circ + 50.0^\circ$

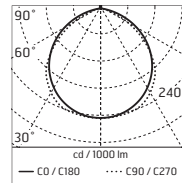
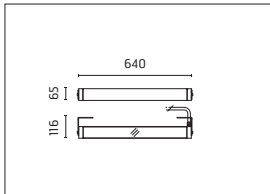


IP65

**Arcadia640 - With Brackets L 80mm - Transparent Glass - Adjustable**

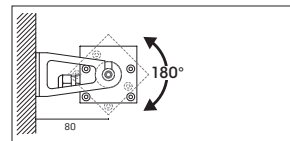


**545007**  
**545007-300** Dimmable Dali  
 T16 14W G5  
 Electronic ballast



m	lux	
	Max	Med
1.00	333	93
2.00	83	23
3.00	37	10
4.00	21	6
5.00	13	4

$\alpha = 55.0^\circ + 55.0^\circ$        $\beta = 55.0^\circ + 55.0^\circ$



IP65

### Arcadia640 - With Brackets L 200mm - Transparent Glass - Adjustable - 10°

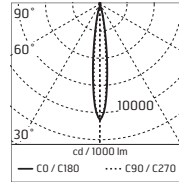
Light Source: Power LED / 13,2W / Total power 16W / CRI>80 / 220÷240V / Integral electronic power supply



**545074**  
**545074-300** Dimmable Dali  
**545074-310** Dimmable 1-10  
 White 2700K  
 lm LED 1339 ≈ lm OUTPUT 1222

**545012**  
**545012-300** Dimmable Dali  
**545012-310** Dimmable 1-10  
 White 3000K  
 lm LED 1440 ≈ lm OUTPUT 1314

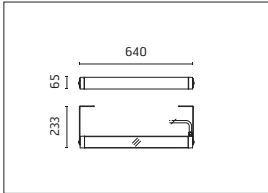
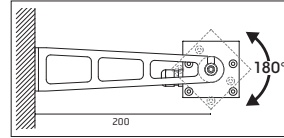
**545011**  
**545011-300** Dimmable Dali  
**545011-310** Dimmable 1-10  
 White 4000K  
 lm LED 1560 ≈ lm OUTPUT 1423



m	lux	
	Max	Med
1.00	15213	9757
2.00	3803	2439
3.00	1690	1084
4.00	951	610
5.00	609	390

$\alpha = 6.0^\circ + 6.0^\circ$        $\beta = 6.0^\circ + 6.0^\circ$

@4000K



IP65

### Arcadia640 - With Brackets L 200mm - Transparent Glass - Adjustable - 40°

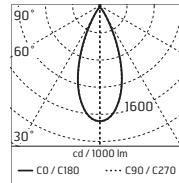
Light Source: Power LED / 13,2W / Total power 16W / CRI>80 / 220÷240V / Integral electronic power supply



**545076**  
**545076-300** Dimmable Dali  
**545076-310** Dimmable 1-10  
 White 2700K  
 lm LED 1339 ≈ lm OUTPUT 1070

**545015**  
**545015-300** Dimmable Dali  
**545015-310** Dimmable 1-10  
 White 3000K  
 lm LED 1440 ≈ lm OUTPUT 1151

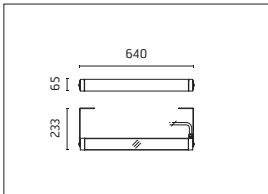
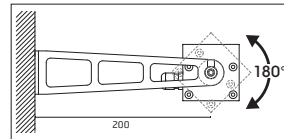
**545014**  
**545014-300** Dimmable Dali  
**545014-310** Dimmable 1-10  
 White 4000K  
 lm LED 1560 ≈ lm OUTPUT 1247



m	lux	
	Max	Med
1.00	2121	1266
2.00	530	317
3.00	236	141
4.00	133	79
5.00	85	51

$\alpha = 21.0^\circ + 21.0^\circ$        $\beta = 21.0^\circ + 21.0^\circ$

@4000K



IP65

### Arcadia640 With Brackets L 200mm - Sandblasted Glass - Adjustable

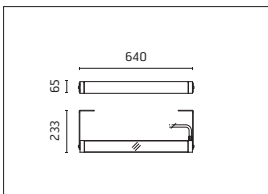
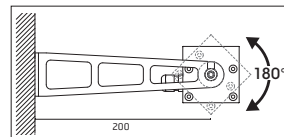
Light Source: RGB Power LED / 20,4W / Total power 28W / 230V / with DMX-RDM interface



**545102**

Wiring diagram and installation scheme RGB

>> See Page 561  
 Wiring Diagram n.8

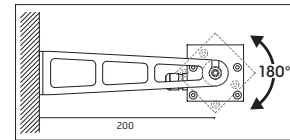
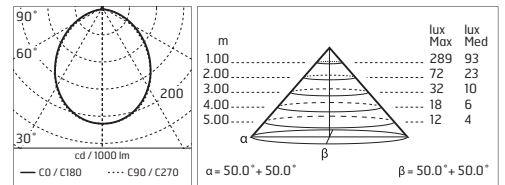
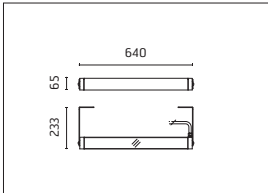


IP65

**Arcadia640 / With Brackets L 200mm - Sandblasted Glass - Adjustable**



**545017**  
**545017-300** Dimmable Dali  
 T16 14W G5  
 Electronic ballast

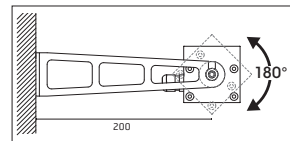
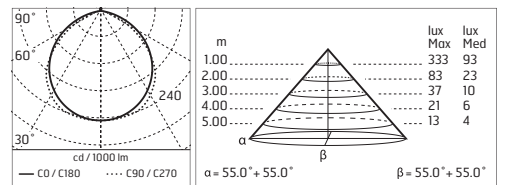
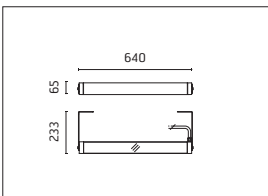


IP65

**Arcadia640 - With Brackets L 200mm - Transparent Glass - Adjustable**

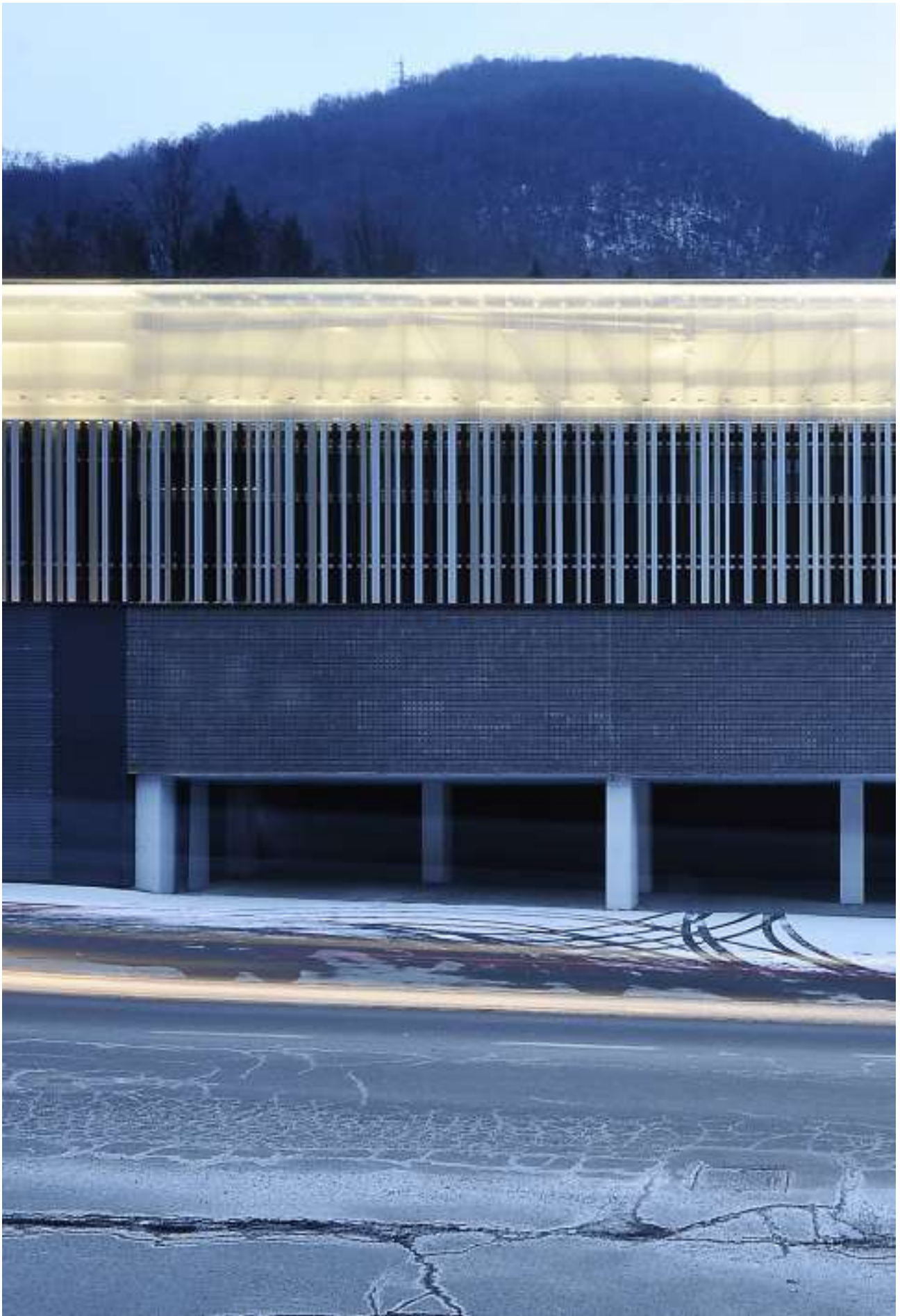


**545016**  
**545016-300** Dimmable Dali  
 T16 14W G5  
 Electronic ballast



IP65







### Arcadia940 - With Brackets L 80mm - Transparent Glass - Adjustable - 10°

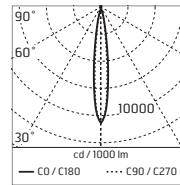
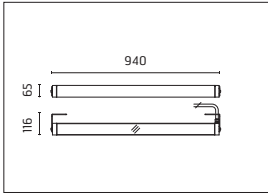
Light Source: Power LED / 19,8W / Total power 24W / CRI>80 / 220÷240V / Integral electronic power supply



**545078**  
**545078-300** Dimmable Dali  
**545078-310** Dimmable 1-10  
 White 2700K  
 lm LED 2009 ≈ lm OUTPUT 1833

**545021**  
**545021-300** Dimmable Dali  
**545021-310** Dimmable 1-10  
 White 3000K  
 lm LED 2160 ≈ lm OUTPUT 1971

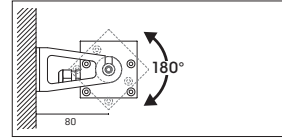
**545020**  
**545020-300** Dimmable Dali  
**545020-310** Dimmable 1-10  
 White 4000K  
 lm LED 2340 ≈ lm OUTPUT 2135



m	lux	
	Max	Med
1.00	22825	14639
2.00	5706	3660
3.00	2536	1627
4.00	1427	915
5.00	913	586

$\alpha = 6.0^\circ + 6.0^\circ$        $\beta = 6.0^\circ + 6.0^\circ$

@4000K



IP65

### Arcadia940 - With Brackets L 80mm - Transparent Glass - Adjustable - 40°

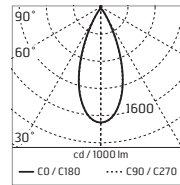
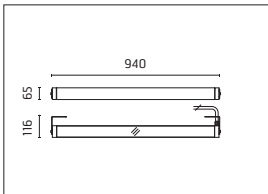
Light Source: Power LED / 19,8W / Total power 24W / CRI>80 / 220÷240V / Integral electronic power supply



**545080**  
**545080-300** Dimmable Dali  
**545080-310** Dimmable 1-10  
 White 2700K  
 lm LED 2009 ≈ lm OUTPUT 1605

**545024**  
**545024-300** Dimmable Dali  
**545024-310** Dimmable 1-10  
 White 3000K  
 lm LED 2160 ≈ lm OUTPUT 2726

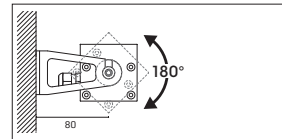
**545023**  
**545023-300** Dimmable Dali  
**545023-310** Dimmable 1-10  
 White 4000K  
 lm LED 2340 ≈ lm OUTPUT 1871



m	lux	
	Max	Med
1.00	3183	1900
2.00	796	475
3.00	354	211
4.00	199	119
5.00	127	76

$\alpha = 21.0^\circ + 21.0^\circ$        $\beta = 21.0^\circ + 21.0^\circ$

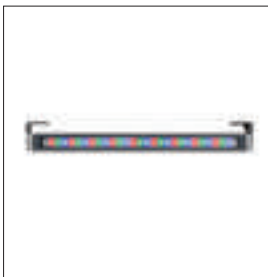
@4000K



IP65

### Arcadia940 - With Brackets L 80mm - Sandblasted Glass - Adjustable

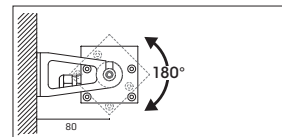
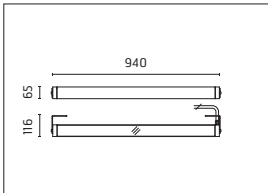
Light Source: RGB Power LED / 30,6W / Total power 38W / 230V / with DMX-RDM interface



**545104**

Wiring diagram and installation scheme RGB

>> See Page 561  
 Wiring Diagram n.8

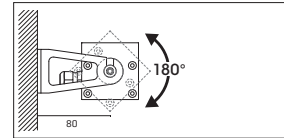
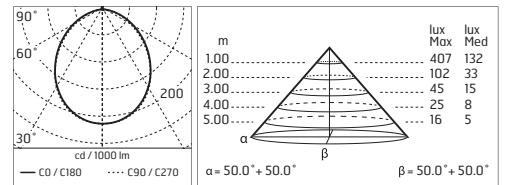
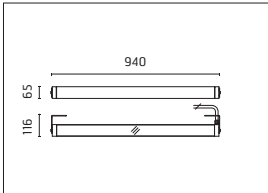


IP65

**Arcadia940 - With Brackets L 80mm - Sandblasted Glass - Adjustable**



**545026**  
**545026-300** Dimmable Dali  
 T16 21W G5  
 Electronic ballast

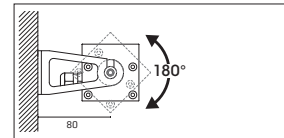
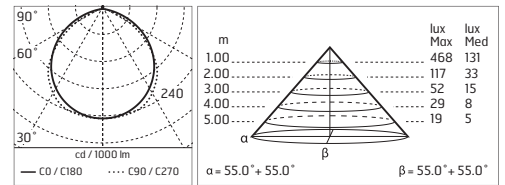
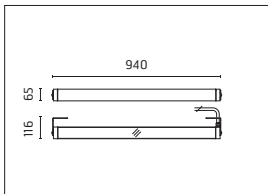


IP65

**Arcadia940 / With Brackets L 80mm - Transparent Glass - Adjustable**



**545025**  
**545025-300** Dimmable Dali  
 T16 21W G5  
 Electronic ballast



IP65



### Arcadia940 - With Brackets L 200mm - Transparent Glass - Adjustable - 10°

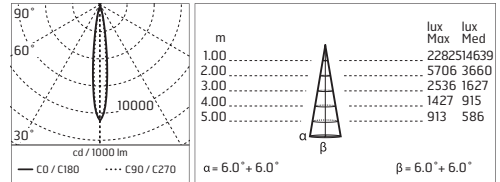
Light Source: Power LED / 19,8W / Total power 24W / CRI>80 / 220÷240V / Integral electronic power supply



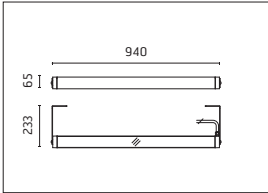
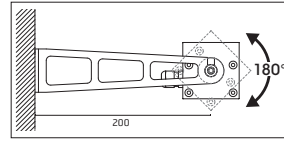
**545082**  
**545082-300** Dimmable Dali  
**545082-310** Dimmable 1-10  
 White 2700K  
 lm LED 2009 ≈ lm OUTPUT 1833

**545030**  
**545030-300** Dimmable Dali  
**545030-310** Dimmable 1-10  
 White 3000K  
 lm LED 2160 ≈ lm OUTPUT 1971

**545029**  
**545029-300** Dimmable Dali  
**545029-310** Dimmable 1-10  
 White 4000K  
 lm LED 2340 ≈ lm OUTPUT 2135



@4000K



IP65

### Arcadia940 - With Brackets L 200mm - Transparent Glass - Adjustable - 40°

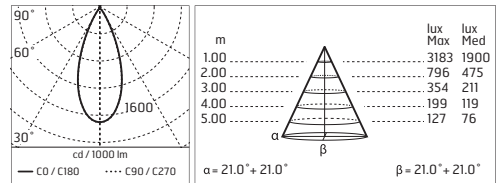
Light Source: Power LED / 19,8W / Total power 24W / CRI>80 / 220÷240V / Integral electronic power supply



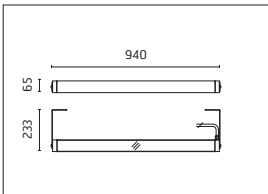
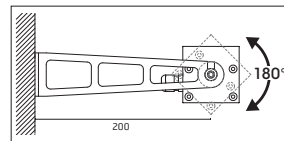
**545084**  
**545084-300** Dimmable Dali  
**545084-310** Dimmable 1-10  
 White 2700K  
 lm LED 2009 ≈ lm OUTPUT 1605

**545033**  
**545033-300** Dimmable Dali  
**545033-310** Dimmable 1-10  
 White 3000K  
 lm LED 2160 ≈ lm OUTPUT 1726

**545032**  
**545032-300** Dimmable Dali  
**545032-310** Dimmable 1-10  
 White 4000K  
 lm LED 2340 ≈ lm OUTPUT 1871



@4000K



IP65

### Arcadia940 - With Brackets L 200mm - Sandblasted Glass - Adjustable

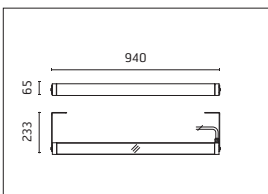
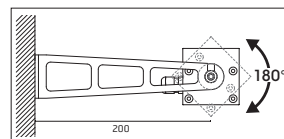
Light Source: RGB Power LED / 30,6W / Total power 38W / 230V / with DMX-RDM interface



**545106**

Wiring diagram and installation scheme RGB

>> See Page 561  
 Wiring Diagram n.8

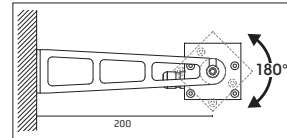
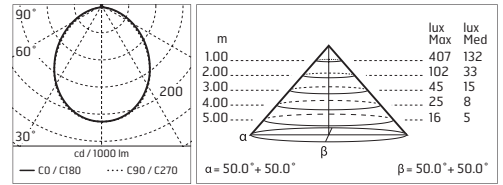
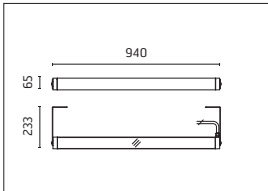


IP65

**Arcadia940 - With Brackets L 200mm - Sandblasted Glass - Adjustable**



**545035**  
**545035-300** Dimmable Dali  
 T16 21W G5  
 Electronic ballast

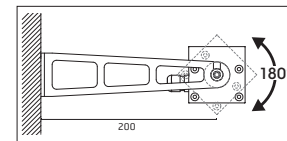
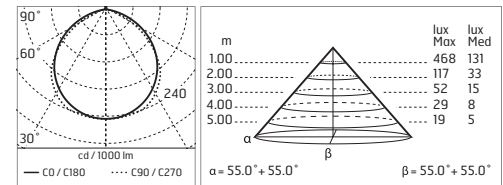
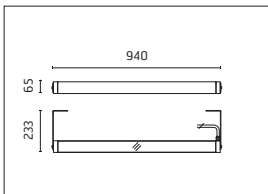


IP65

**Arcadia940 - With Brackets L 200mm - Transparent Glass - Adjustable**



**545034**  
**545034-300** Dimmable Dali  
 T16 21W G5  
 Electronic ballast



IP65









### Arcadia1240 - With Brackets L 80mm - Transparent Glass - Adjustable - 10°

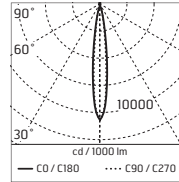
Light Source: Power LED / 26,4W / Total power 32W / CRI>80 / 220÷240V / Integral electronic power supply



**545086**  
**545086-300** Dimmable Dali  
**545086-310** Dimmable 1-10  
 White 2700K  
 lm LED 2678 ≈ lm OUTPUT 2444

**545039**  
**545039-300** Dimmable Dali  
**545039-310** Dimmable 1-10  
 White 3000K  
 lm LED 2880 ≈ lm OUTPUT 2628

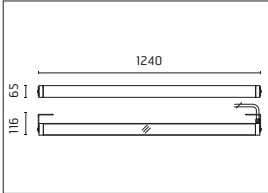
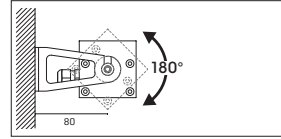
**545038**  
**545038-300** Dimmable Dali  
**545038-310** Dimmable 1-10  
 White 4000K  
 lm LED 3120 ≈ lm OUTPUT 2847



m	lux	
	Max	Med
1.00	30437	19521
2.00	7609	4880
3.00	3382	2169
4.00	1902	1220
5.00	1217	781

$\alpha = 6.0^\circ + 6.0^\circ$        $\beta = 6.0^\circ + 6.0^\circ$

@4000K



IP65

### Arcadia1240 - With Brackets L 80mm - Transparent Glass - Adjustable - 40°

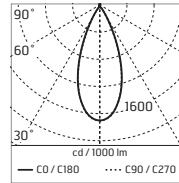
Light Source: Power LED / 26,4W / Total power 32W / CRI>80 / 220÷240V / Integral electronic power supply



**545088**  
**545088-300** Dimmable Dali  
**545088-310** Dimmable 1-10  
 White 2700K  
 lm LED 2678 ≈ lm OUTPUT 2142

**545042**  
**545042-300** Dimmable Dali  
**545042-310** Dimmable 1-10  
 White 3000K  
 lm LED 2880 ≈ lm OUTPUT 2303

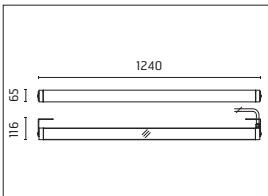
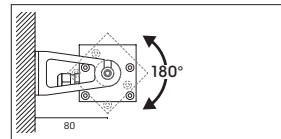
**545041**  
**545041-300** Dimmable Dali  
**545041-310** Dimmable 1-10  
 White 4000K  
 lm LED 3120 ≈ lm OUTPUT 2495



m	lux	
	Max	Med
1.00	4244	2533
2.00	1061	633
3.00	472	281
4.00	265	158
5.00	170	101

$\alpha = 21.0^\circ + 21.0^\circ$        $\beta = 21.0^\circ + 21.0^\circ$

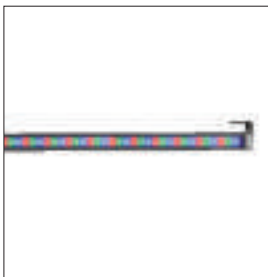
@4000K



IP65

### Arcadia1240 - With Brackets L 80mm - Sandblasted Glass - Adjustable

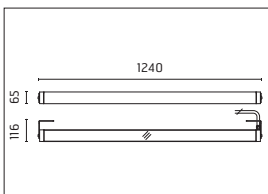
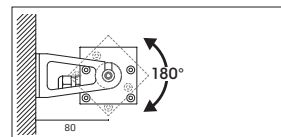
Light Source: RGB Power LED / 40,8W / Total power 48W / 230V / with DMX-RDM interface



**545108**

Wiring diagram and installation scheme RGB

>> See Page 561  
 Wiring Diagram n.8

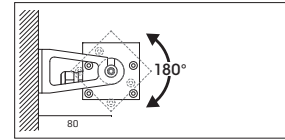
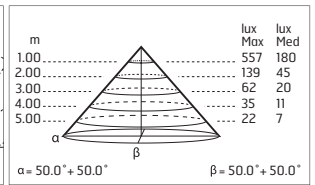
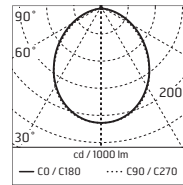
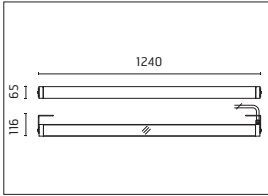


IP65

**Arcadia1240 - With Brackets L 80mm - Sandblasted Glass - Adjustable**



**545044**  
**545044-300** Dimmable Dali  
 T16 28W G5  
 Electronic ballast

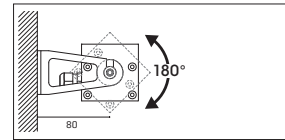
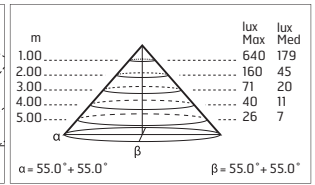
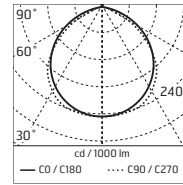
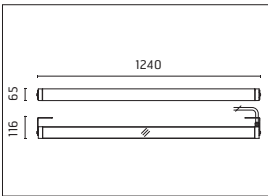


IP65

**Arcadia1240 - With Brackets L 80mm - Transparent Glass - Adjustable**



**545043**  
**545043-300** Dimmable Dali  
 T16 28W G5  
 Electronic ballast



IP65

### Arcadia1240 - With Brackets L 200mm - Transparent Glass - Adjustable - 10°

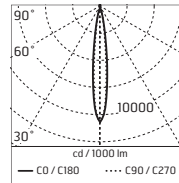
Light Source: Power LED / 26,4W / Total power 32W / CRI>80 / 220÷240V / Integral electronic power supply



**545090**  
**545090-300** Dimmable Dali  
**545090-310** Dimmable 1-10  
 White 2700K  
 lm LED 2678 ≈ lm OUTPUT 2444

**545048**  
**545048-300** Dimmable Dali  
**545048-310** Dimmable 1-10  
 White 3000K  
 lm LED 2880 ≈ lm OUTPUT 2628

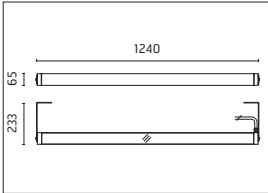
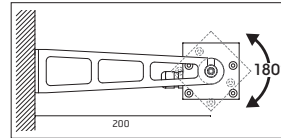
**545047**  
**545047-300** Dimmable Dali  
**545047-310** Dimmable 1-10  
 White 4000K  
 lm LED 3120 ≈ lm OUTPUT 2847



m	lux	
	Max	Med
1.00	30437	19521
2.00	7609	4880
3.00	3382	2169
4.00	1902	1220
5.00	1217	781

α = 6.0° + 6.0°      β = 6.0° + 6.0°

@4000K



IP65

### Arcadia1240 - With Brackets L 200mm - Transparent Glass - Adjustable - 40°

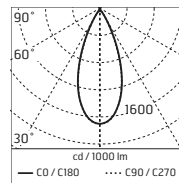
Light Source: Power LED / 26,4W / Total power 32W / CRI>80 / 220÷240V / Integral electronic power supply



**545092**  
**545092-300** Dimmable Dali  
**545092-310** Dimmable 1-10  
 White 2700K  
 lm LED 2678 ≈ lm OUTPUT 2142

**545051**  
**545051-300** Dimmable Dali  
**545051-310** Dimmable 1-10  
 White 3000K  
 lm LED 2880 ≈ lm OUTPUT 2303

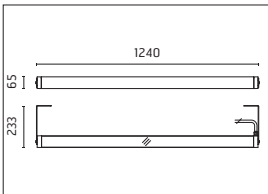
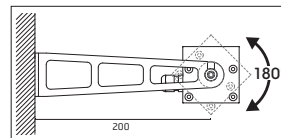
**545050**  
**545050-300** Dimmable Dali  
**545050-310** Dimmable 1-10  
 White 4000K  
 lm LED 3120 ≈ lm OUTPUT 2495



m	lux	
	Max	Med
1.00	4244	2533
2.00	1061	633
3.00	472	281
4.00	265	158
5.00	170	101

α = 21.0° + 21.0°      β = 21.0° + 21.0°

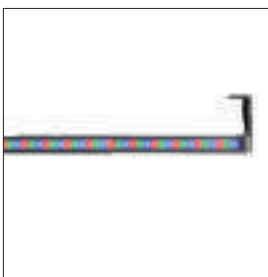
@4000K



IP65

### Arcadia1240 - With Brackets L 200mm - Sandblasted Glass - Adjustable

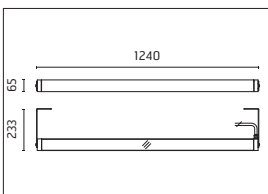
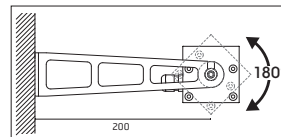
Light Source: RGB Power LED / 40,8W / Total power 48W / 230V / with DMX-RDM interface



**545110**

Wiring diagram and installation scheme RGB

>> See Page 561  
 Wiring Diagram n.8

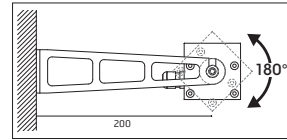
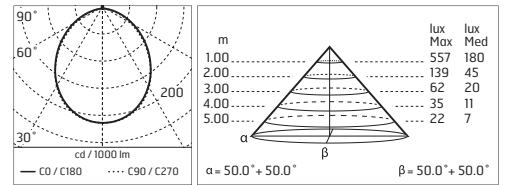
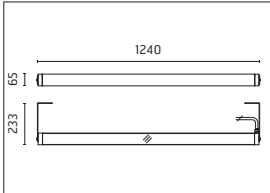


IP65

**Arcadia1240 - With Brackets L 200mm - Sandblasted Glass - Adjustable**



**545053**  
**545053-300** Dimmable Dali  
 T16 28W G5  
 Electronic ballast

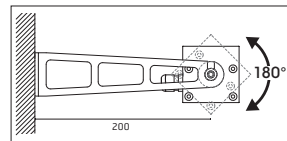
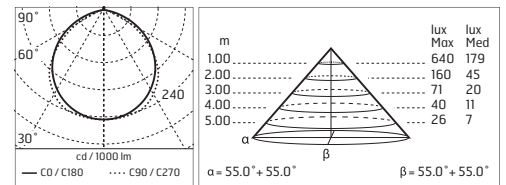
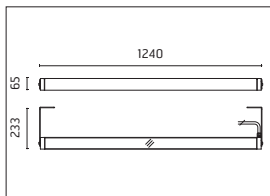


IP65

**Arcadia1240 - With Brackets L 200mm - Transparent Glass - Adjustable**



**545052**  
**545052-300** Dimmable Dali  
 T16 28W G5  
 Electronic ballast



IP65

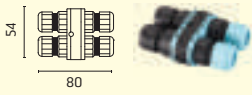






**Accessories: Arcadia**

**215**  
3/4 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5±12mm CABLE)



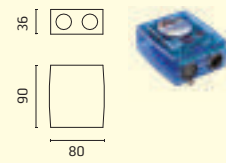
**236**  
2 WAY TERMINAL BLOCK 4 POLES  
IP68 H<sub>2</sub>O STOP (Ø5,5±12mm CABLE)



**142**  
DMX CONTROLLER;  
DIMMER SWITCH FOR RECESSED BOX  
(60mm HOLE CENTRES)



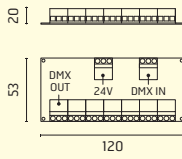
**143**  
DMX CONTROLLER;  
STAND-ALONE/PC INTERFACE



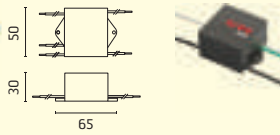
**186**  
DMX CABLE - SHIELDED TWISTED PAIR  
WITH 110 Ohm CONSTANT IMPEDANCE.



**187**  
DMX SPLITTER 512 - ELECTRONIC DEVICE  
TO REGENERATE THE MONODIRECTIONAL  
DMX SIGNAL  
1 INPUT AND 7 OUTPUT, 12-24V dc

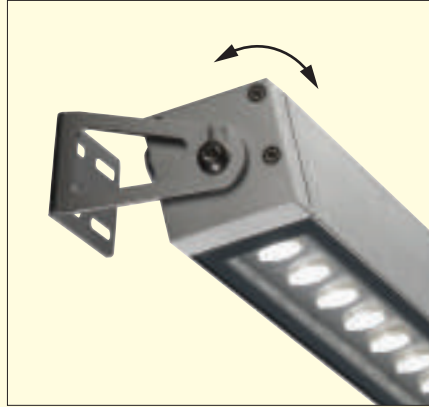
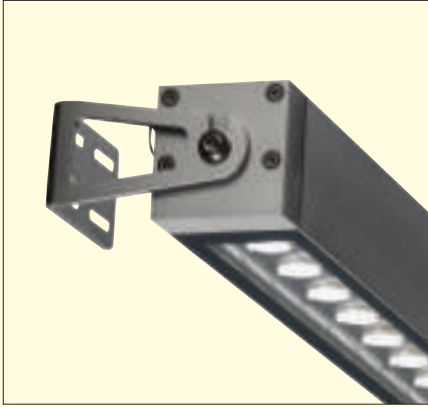


**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNEC-  
TION - IP66



**POWER SUPPLY TO BE ORDERED (87 OR  
175 RECOMMENDED)**

Accessories: Arcadia



acc. code ▶ prod. code ▼	dimmi DALI	dimmi 1-10	215	236	142	143	186	187	237
545002	-300	-310	•	•					•
545003	-300	-310	•	•					•
545005	-300	-310	•	•					•
545006	-300	-310	•	•					•
545007	-300		•	•					
545008	-300		•	•					
545100					•	•	•	•	
545011	-300	-310	•	•					•
545012	-300	-310	•	•					•
545014	-300	-310	•	•					•
545015	-300	-310	•	•					•
545016	-300		•	•					
545017	-300		•	•					
545102					•	•	•	•	
545020	-300	-310	•	•					•
545021	-300	-310	•	•					•
545023	-300	-310	•	•					•
545024	-300	-310	•	•					•
545025	-300		•	•					
545026	-300		•	•					
545104					•	•	•	•	
545029	-300	-310	•	•					•
545030	-300	-310	•	•					•
545032	-300	-310	•	•					•
545033	-300	-310	•	•					•
545034	-300		•	•					
545035	-300		•	•					

acc. code ▶ prod. code ▼	dimmi DALI	dimmi 1-10	215	236	142	143	186	187	237
545106					•	•	•	•	
545038	-300	-310	•	•					•
545039	-300	-310	•	•					•
545041	-300	-310	•	•					•
545042	-300	-310	•	•					•
545043	-300		•	•					
545044	-300		•	•					
545108					•	•	•	•	
545047	-300	-310	•	•					•
545048	-300	-310	•	•					•
545050	-300	-310	•	•					•
545051	-300	-310	•	•					•
545052	-300		•	•					
545053	-300		•	•					
545110					•	•	•	•	
545070	-300	-310	•	•					•
545072	-300	-310	•	•					•
545074	-300	-310	•	•					•
545076	-300	-310	•	•					•
545078	-300	-310	•	•					•
545080	-300	-310	•	•					•
545082	-300	-310	•	•					•
545084	-300	-310	•	•					•
545086	-300	-310	•	•					•
545088	-300	-310	•	•					•
545090	-300	-310	•	•					•
545092	-300	-310	•	•					•

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.





- Light for installation on wall or ceiling – surface mounted.
- Configuration: polycarbonate tube, opal or transparent, with anti-UV filter. Polycarbonate fixing brackets and anodized aluminium closing caps.
- Protection Rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is supplied with a screw connector and requires the use of a feeding cable (direct to power supply or for end-to-end connection) to be ordered separately. Parallel wiring required. Maximum end-to-end sequence: 5000mm.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.

Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



Ceiling fitting



Wall fitting



Protection against water ingress from the cable



Installation requires a feeding cable (acc. code 172 or 173, 174)



Remote device required.



Protection against impact.  
IK 06 - 1,00 joule

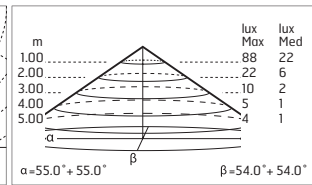
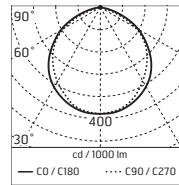
### Tau - L. 354 - Transparent Diffuser

Light Source: Low-Power LED / 3W / Total power 3W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered

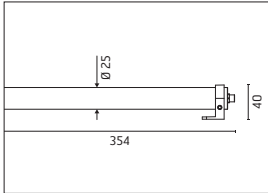


**523003**  
White 3000K  
lm LED 255  $\approx$  lm OUTPUT 231  
Acc. 144, 176 or 252

**523002**  
White 4000K  
lm LED 255  $\approx$  lm OUTPUT 231  
Acc. 144, 176 or 252



@4000K



IP65

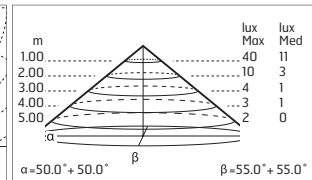
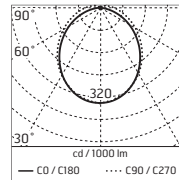
### Tau - L. 354 - Opal Diffuser

Light Source: Low-Power LED / 3W / Total power 3W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered

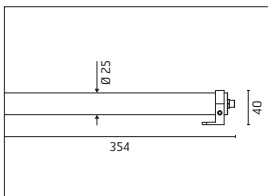


**523013**  
White 3000K  
lm LED 255  $\approx$  lm OUTPUT 118  
Acc. 144, 176 or 252

**523012**  
White 4000K  
lm LED 255  $\approx$  lm OUTPUT 118  
Acc. 144, 176 or 252



@4000K



IP65

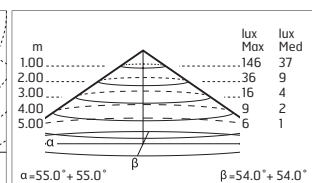
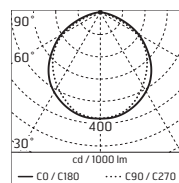
### Tau - L. 554 - Transparent Diffuser

Light Source: Low-Power LED / 5W / Total power 5W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered

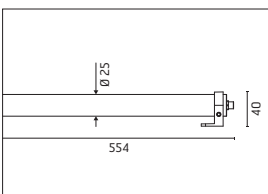


**523023**  
White 3000K  
lm LED 420  $\approx$  lm OUTPUT 384  
Acc. 144, 176 or 252

**523022**  
White 4000K  
lm LED 420  $\approx$  lm OUTPUT 384  
Acc. 144, 176 or 252



@4000K



IP65

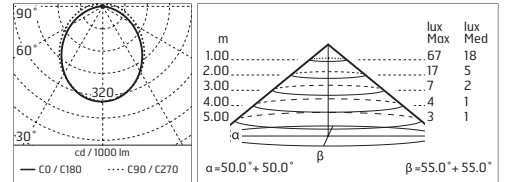
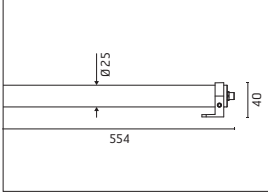
### Tau - L. 554 - Opal Diffuser

Light Source: Low-Power LED / 5W / Total power 5W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered



**523033**  
White 3000K  
lm LED 420  $\approx$  lm OUTPUT 196  
Acc. 144, 176 or 252

**523032**  
White 4000K  
lm LED 420  $\approx$  lm OUTPUT 196  
Acc. 144, 176 or 252



@4000K

IP65

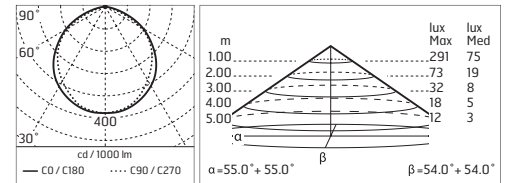
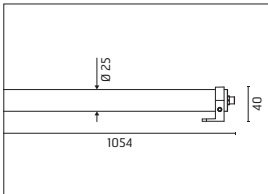
### Tau - L. 1054 - Transparent Diffuser

Light Source: Low-Power LED / 10W / Total power 10W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered



**523043**  
White 3000K  
lm LED 840  $\approx$  lm OUTPUT 768  
Acc. 144, 176 or 252

**523042**  
White 4000K  
lm LED 840  $\approx$  lm OUTPUT 768  
Acc. 144, 176 or 252



@4000K

IP65

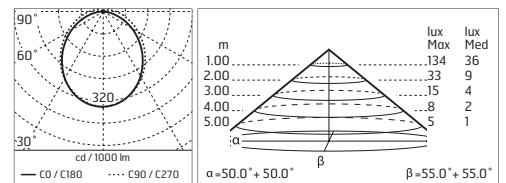
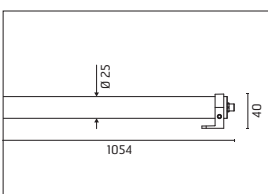
### Tau - L. 1054 - Opal Diffuser

Light Source: Low-Power LED / 10W / Total power 10W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered



**523053**  
White 3000K  
lm LED 840  $\approx$  lm OUTPUT 392  
Acc. 144, 176 or 252

**523052**  
White 4000K  
lm LED 840  $\approx$  lm OUTPUT 392  
Acc. 144, 176 or 252



@4000K

IP65



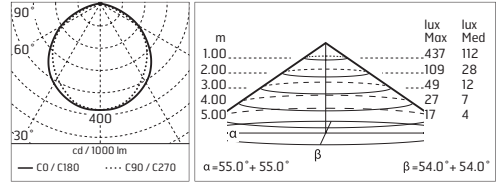
### Tau - L. 1554 - Transparent Diffuser

Light Source: Low-Power LED / 15W / Total power 15W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered

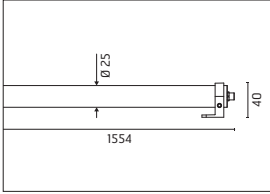


**523063**  
White 3000K  
lm LED 1260 ≠ lm OUTPUT 1152  
Acc. 144, 176 or 252

**523062**  
White 4000K  
lm LED 1260 ≠ lm OUTPUT 1152  
Acc. 144, 176 or 252



@4000K



IP65

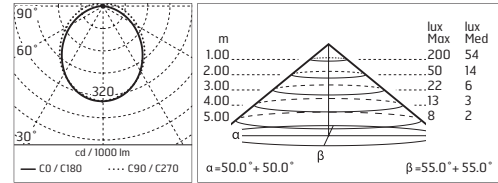
### Tau - L. 1554 - Opal Diffuser

Light Source: Low-Power LED / 15W / Total power 15W / CRI>80 / 24Vdc / Remote electronic power supply and supply cable to be ordered

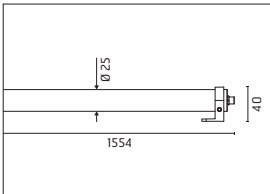


**523073**  
White 3000K  
lm LED 1260 ≠ lm OUTPUT 589  
Acc. 144, 176 or 252

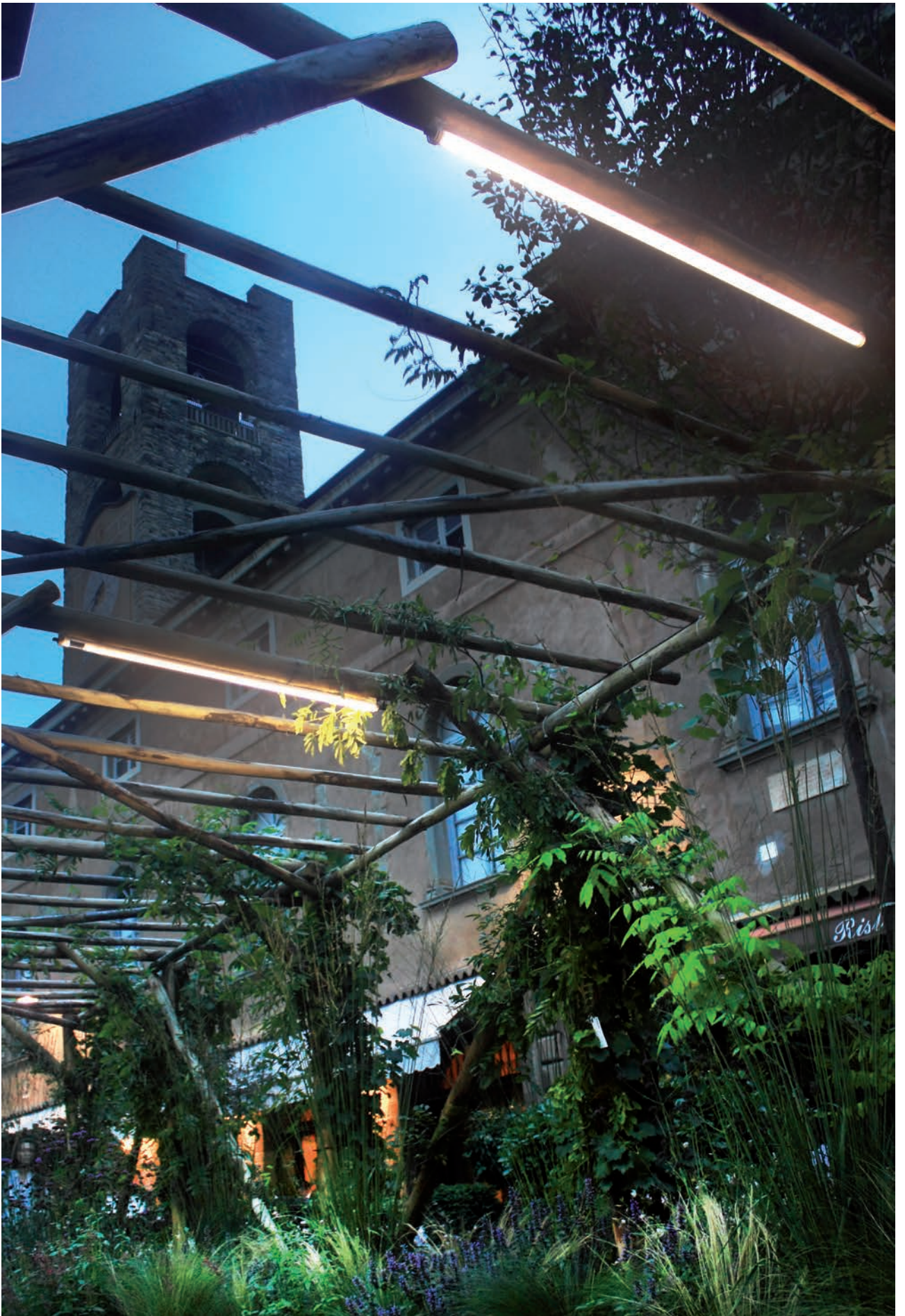
**523072**  
White 4000K  
lm LED 1260 ≠ lm OUTPUT 589  
Acc. 144, 176 or 252



@4000K

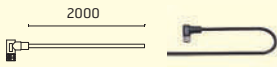


IP65

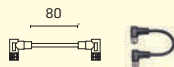


**Accessories: Tau**

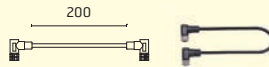
**172**  
SUPPLY CABLE L.2000mm  
SINGLE CONNECTOR



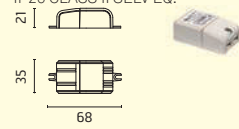
**173**  
SUPPLY CABLE L.80mm  
DOUBLE CONNECTOR



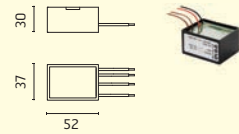
**174**  
SUPPLY CABLE L.200mm  
DOUBLE CONNECTOR



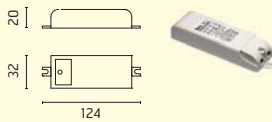
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP20 CLASS II SELV EQ.



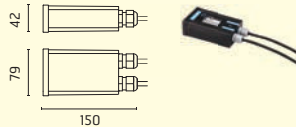
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



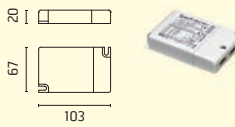
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



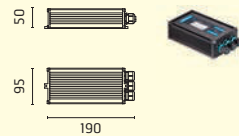
**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP67 CLASS II SELV.



**144**  
POWER SUPPLY 17W/110÷240V -  
24Vdc (15W@110V) IP20 CLASS II  
SELV.



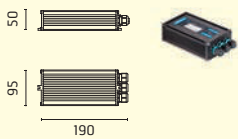
**176**  
POWER SUPPLY 17W/110÷240V -  
24Vdc (15W@110V) IP67 CLASS II  
SELV.



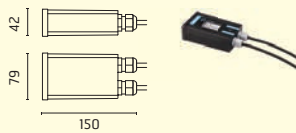
... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

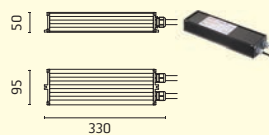
**252**  
POWER SUPPLY 20W/110-240Vdc  
(15W@110V) IP67 CLASS II SELV.



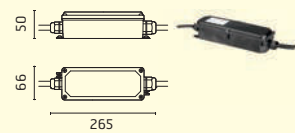
**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.

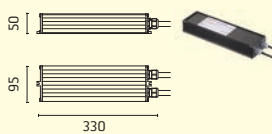


**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.

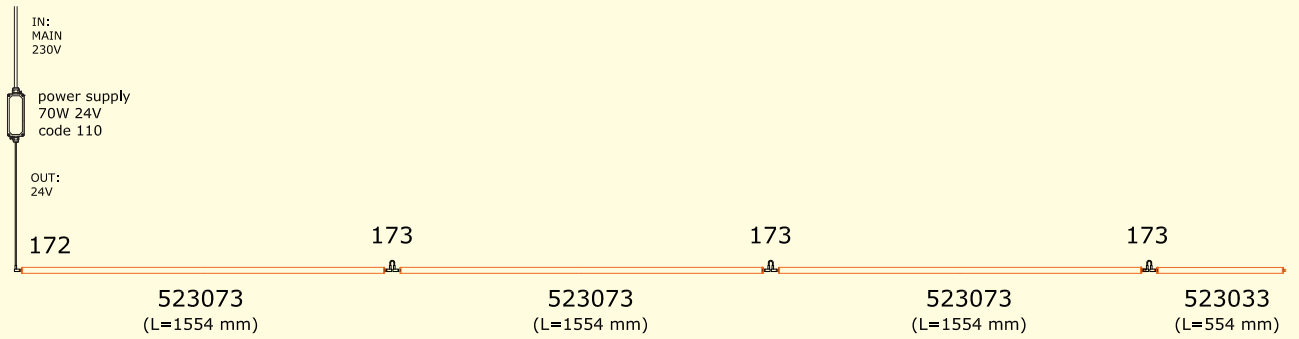


... DIMMABLE: DALI  
See Page 558 Wiring Diagram n.4

**156**  
POWER SUPPLY 96W /120÷277V -  
24Vdc IP67 CLASS II SELV.



## Example of configuration



MAX LENGTH IN CONTINUOUS 5mt

acc. code ▶	172	173	174	150	106	87	175	144	176	252	147	155	110	156
prod. code ▼	172	173	174	150	106	87	175	144	176	252	147	155	110	156
523002	•	•	•	2	2	3	3	5	5	5	6	16	22	30
523003	•	•	•	2	2	3	3	5	5	5	6	16	22	30
523012	•	•	•	2	2	3	3	5	5	5	6	16	22	30
523013	•	•	•	2	2	3	3	5	5	5	6	16	22	30
523022	•	•	•	1	1	2	2	3	3	3	4	10	14	18
523023	•	•	•	1	1	2	2	3	3	3	4	10	14	18
523032	•	•	•	1	1	2	2	3	3	3	4	10	14	18
523033	•	•	•	1	1	2	2	3	3	3	4	10	14	18
523042	•	•	•					1	1	1	2	5	7	9
523043	•	•	•					1	1	1	2	5	7	9
523052	•	•	•					1	1	1	2	5	7	9
523053	•	•	•					1	1	1	2	5	7	9
523062	•	•	•					1	1	1	1	3	4	6
523063	•	•	•					1	1	1	1	3	4	6
523072	•	•	•					1	1	1	1	3	4	6
523073	•	•	•					1	1	1	1	3	4	6

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.





- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Diffuser: transparent glass or lens with silkscreen border.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through a cable holder (5mm<math>\times</math>9mm cable). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

**A++**  
**A+**  
**A**  
**D**

**LED VERSION::**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced

**HALOGEN VERSION:**  
Class D  
QT14/G9



Wall fitting



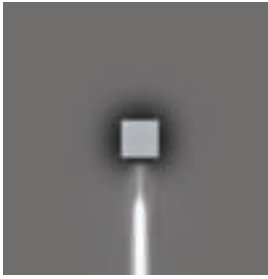
The fitting is equipped with 1 cable input



Protection against impact.  
IK 07 - 2,00 joule

### Leo80 - Unidirectional - 3° - Convex Lens

Light Source: Power LED / 1,1W / Total power 2,5W / CRI>80 / 100÷240V / Integral electronic power supply

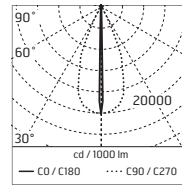


**12313643**  
White 2700K  
lm LED 129 ≠ lm OUTPUT 22



**12311643**  
White 3000K  
lm LED 138 ≠ lm OUTPUT 24

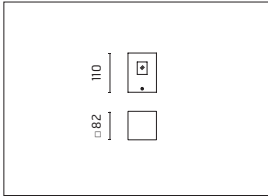
**12316343**  
White 4000K  
lm LED 148 ≠ lm OUTPUT 26



m	lux	
	Max	Med
1.00	528	351
2.00	132	88
3.00	59	39
4.00	33	22
5.00	21	14

$\alpha = 1.5^\circ + 1.5^\circ$        $\beta = 20.0^\circ + 20.0^\circ$

@4000K



IP65

### Leo80 - Unidirectional - 40°

Light Source: Power LED / 1,1W / Total power 2,5W / CRI>80 / 100÷240V / Integral electronic power supply

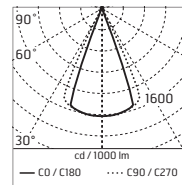


**12313650**  
White 2700K  
lm LED 129 ≠ lm OUTPUT 24



**12311650**  
White 3000K  
lm LED 139 ≠ lm OUTPUT 26

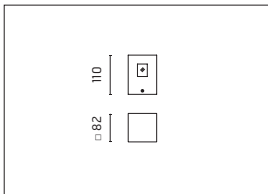
**12316450**  
White 4000K  
lm LED 148 ≠ lm OUTPUT 28



m	lux	
	Max	Med
1.00	45	34
2.00	11	9
3.00	5	4
4.00	3	2
5.00	2	1

$\alpha = 20.0^\circ + 20.0^\circ$        $\beta = 25.0^\circ + 25.0^\circ$

@4000K



IP65

## Leo80 - Bidirectional - 40°

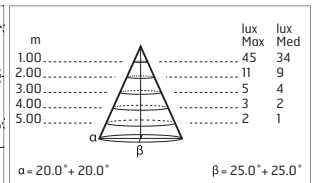
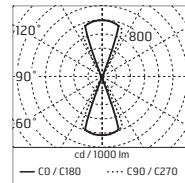
Light Source: Power LED / 2,2W / Total power 4W / CRI>80 / 100±240V / Integral electronic power supply



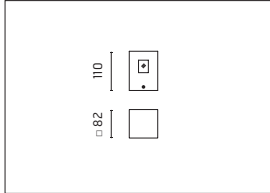
**12313951**  
White 2700K  
lm LED 2x129 ≠ lm OUTPUT 2x24

**12311951**  
White 3000K  
lm LED 2x139 ≠ lm OUTPUT 2x26

**12316451**  
White 4000K  
lm LED 2x148 ≠ lm OUTPUT 2x28



@4000K



IP65

## Leo80 - Bidirectional - Combined: 3° (Convex Lens) + 40°

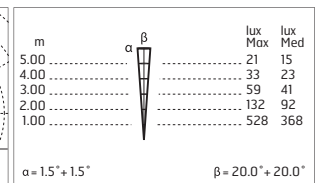
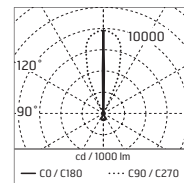
Light Source: Power LED / 2,2W / Total power 4W / CRI>80 / 100±240V / Integral electronic power supply



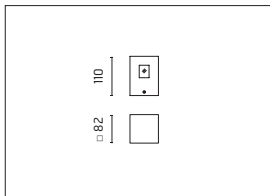
**12313253**  
White 2700K  
lm LED 2x129 ≠ lm OUTPUT 22+24

**12312253**  
White 3000K  
lm LED 2x139 ≠ lm OUTPUT 24+26

**12316453**  
White 4000K  
lm LED 2x148 ≠ lm OUTPUT 26+28



@4000K



IP65

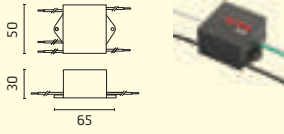




## Accessories: Leo80

### 237

SPD: (SURGE PROTECTION DEVICE)  
 275Vac  
 MAXIMUM DISCHARGE CURRENT  
 10KA (8/20µs)  
 MAXIMUM OPERATING CURRENT 5A  
 SUITABLE FOR SERIES CONNec-  
 TION - IP66



acc. code ▶	237
prod. code ▼	
1232743	
1232744	
1232745	
1232750	
1232751	
1232752	
1232753	
12311643	•
12311650	•
12311951	•
12312253	•
12313253	•
12313643	•
12313650	•
12313951	•
12316343	•
12316450	•
12316451	•
12316453	•









### Leo120 - Unidirectional - 3° - Convex Lens

Light Source: Power LED / 4,4W / Total power 6W / CRI>80 / 220÷240V / Integral electronic power supply



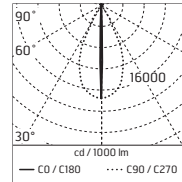
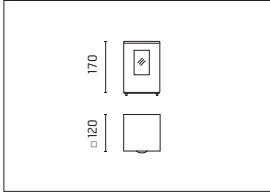
**12314644**  
White 2700K  
lm LED 442 ± lm OUTPUT 76



**12316644**  
White 3000K  
lm LED 475 ± lm OUTPUT 82



**12316744**  
White 4000K  
lm LED 510 ± lm OUTPUT 88



m	lux Max	lux Med
1.00	1514	956
2.00	379	239
3.00	168	106
4.00	95	60
5.00	61	38

$\alpha = 1.5^\circ + 1.5^\circ$        $\beta = 25.0^\circ + 25.0^\circ$

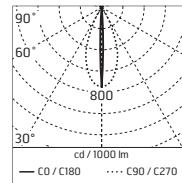
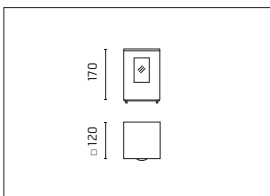
@4000K

IP65

### Leo120 - Unidirectional - 4° - Convex Lens



**12316243**  
HIT-TC-CE 20W GU6,5  
Electronic ballast

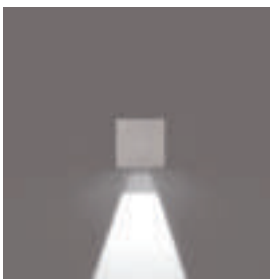


m	lux Max	lux Med
1.00	1353	681
2.00	338	170
3.00	150	76
4.00	85	43
5.00	54	27

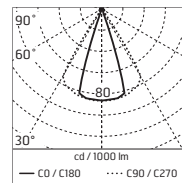
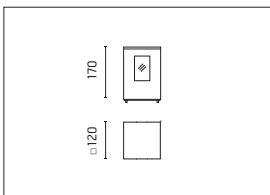
$\alpha = 2.0^\circ + 2.0^\circ$        $\beta = 21.0^\circ + 21.0^\circ$

IP65

### Leo120 - Unidirectional - 35°



**12316250**  
HIT-TC-CE 20W GU6,5  
Electronic ballast



m	lux Max	lux Med
1.00	157	108
2.00	39	27
3.00	17	12
4.00	10	7
5.00	6	4

$\alpha = 17.0^\circ + 17.0^\circ$        $\beta = 32.0^\circ + 32.0^\circ$

IP65

## Leo120 0- Unidirectional - 65°

Light Source: Power LED / 4,4W / Total power 6W / CRI>80 / 220÷240V / Integral electronic power supply

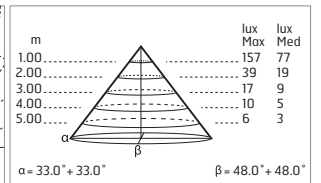
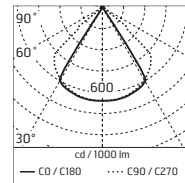
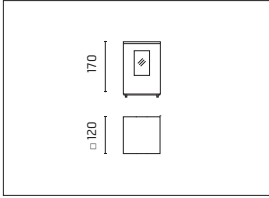


**12314652**  
White 2700K  
lm LED 442 ≈ lm OUTPUT 208



**12316652**  
White 3000K  
lm LED 475 ≈ lm OUTPUT 224

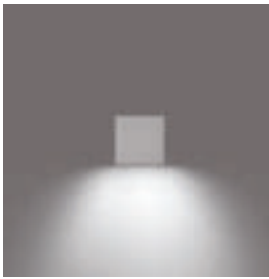
**12316752**  
White 4000K  
lm LED 510 ≈ lm OUTPUT 241



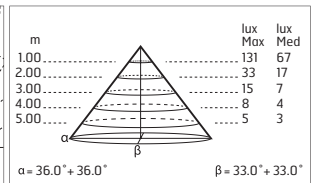
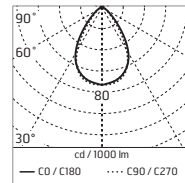
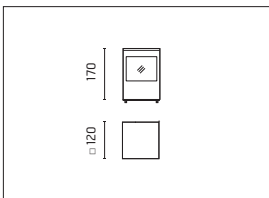
@4000K

IP65

## Leo120 - Unidirectional - Sandblasted Glass



**12316246**  
HIT-TC-CE 20W GU6,5  
Electronic ballast

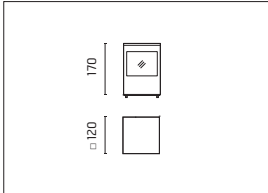
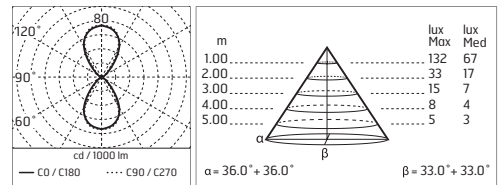


IP65

### Leo120 - Bidirectional - Sandblasted Glass

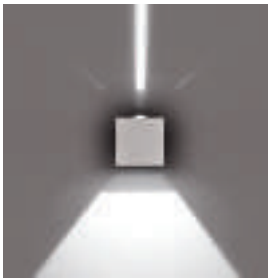


**12316247**  
HIT-TC-CE 20W GU6,5  
Electronic ballast

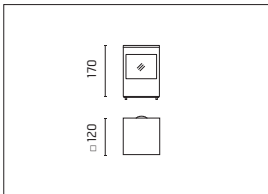
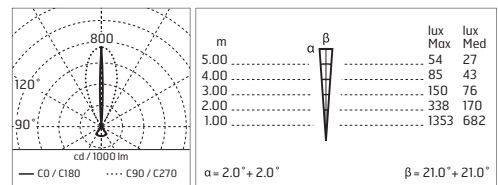


IP65

### Leo120 - Bidirectional - Combined: 4° (Convex Lens) + 75°



**12316254**  
HIT-TC-CE 20W GU6,5  
Electronic ballast

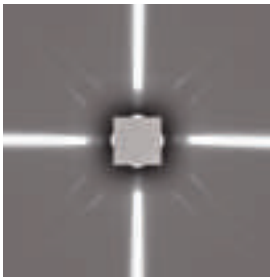


IP65

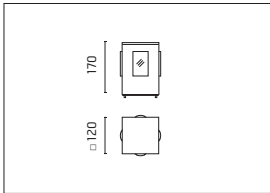
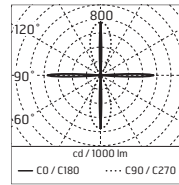




Leo120 - Omnidirectional - 4° - Convex Lens

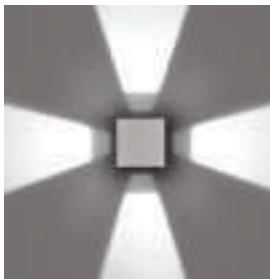


**12316245**  
HIT-TC-CE 20W GU6,5  
Electronic ballast

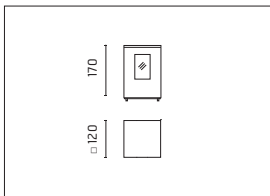
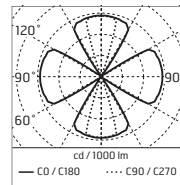


IP65

Leo120 - Omnidirectional - 35°



**12316253**  
HIT-TC-CE 20W GU6,5  
Electronic ballast



IP65

Leo120 - Omnidirectional - 65°

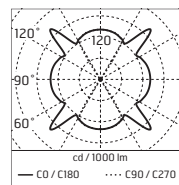
Light Source: Power LED / 17,6W / Total power 18,6W / CRI>80 / 220÷240V / Integral electronic power supply



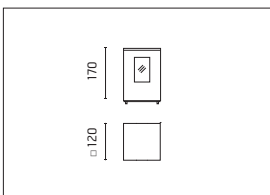
**12314854**  
White 2700K  
lm LED 4x442 = lm OUTPUT 4x208

**12316854**  
White 3000K  
lm LED 4x475 = lm OUTPUT 4x224

**12317054**  
White 4000K  
lm LED 4x510 = lm OUTPUT 4x241

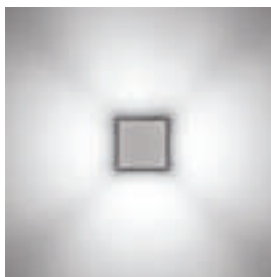


@4000K

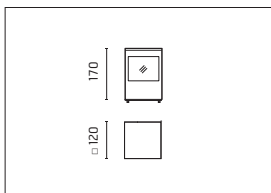
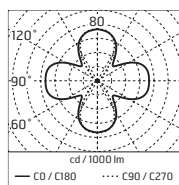


IP65

Leo120 - Omnidirectional - Sandblasted Glass



**12316248**  
HIT-TC-CE 20W GU6,5  
Electronic ballast



IP65   CE



# LEO 120 ON POST

- Luminaire for installation on post – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), extruded aluminium post. Glass diffuser: transparent or sandblasted fixed to the structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8mm<math>\times</math>13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



**METAL HALIDE VERSION:**  
Class A/A+  
HIT-TC-CE/G8,5



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Bollard light



The fitting is equipped with 2 cable input



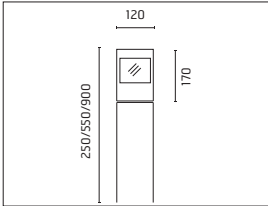
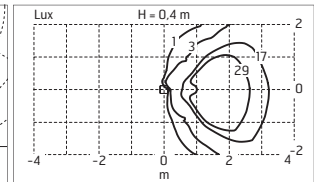
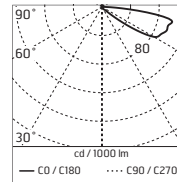
Protection against impact.  
IK 05 - 7,00 joule



### Leo120 on post - Unidirectional - Transparent Glass



**123162116**  
HIT-TC-CE 20W GU6,5  
Electronic ballast



IP65

### Leo120 on post - Unidirectional - Transparent Glass

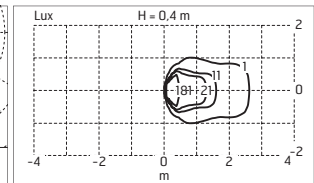
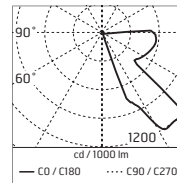
Light Source: Power LED / 4,4W / Total power 6W / CRI>80 / 220÷240V / Integral electronic power supply



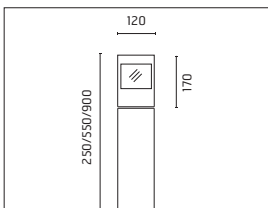
**123214117**  
White 2700K  
lm LED 442 ≈ lm OUTPUT 160

**123235117**  
White 3000K  
lm LED 475 ≈ lm OUTPUT 172

**123234117**  
White 4000K  
lm LED 510 ≈ lm OUTPUT 185



@4000K

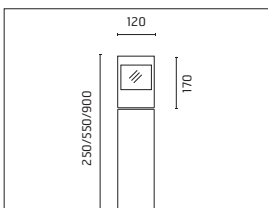
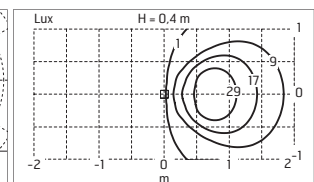
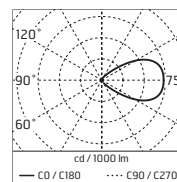


IP65

### Leo120 on post - Unidirectional - Sandblasted Glass



**12316246**  
HIT-TC-CE 20W GU6,5  
Electronic ballast

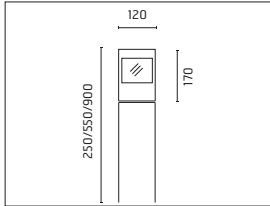
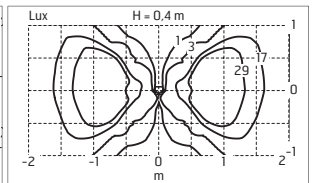
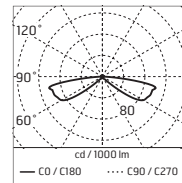


IP65

### Leo120 on post - Bidirectional - Transparent Glass



**123162136**  
HIT-TC-CE 20W GU6,5  
Electronic ballast



IP65

### Leo120 on post - Bidirectional - Transparent Glass

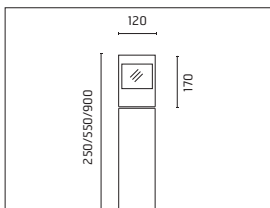
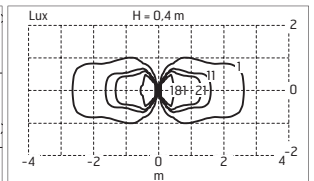
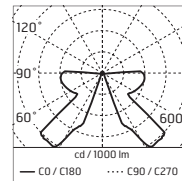
Light Source: Power LED / 8,8W / Total power 10,4W / CRI>80 / 220÷240V / Integral electronic power supply



**123114137**  
White 2700K  
lm LED 2x442 ≠ lm OUTPUT 2x160

**123166137**  
White 3000K  
lm LED 2x475 ≠ lm OUTPUT 2x172

**123167137**  
White 4000K  
lm LED 2x510 ≠ lm OUTPUT 2x185



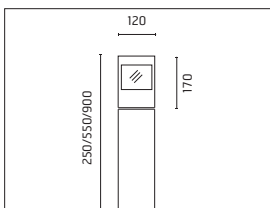
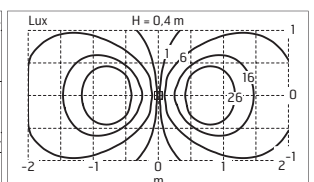
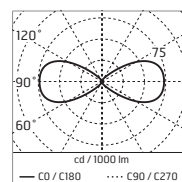
@4000K

IP65

### Leo120 on post - Bidirectional - Sandblasted Glass



**12316247**  
HIT-TC-CE 20W GU6,5  
Electronic ballast

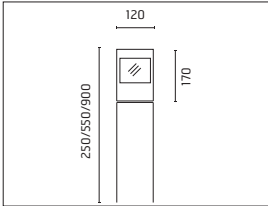
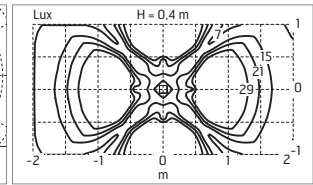
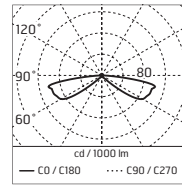


IP65

### Leo120 on post - Omnidirectional - Transparent Glass



**123162117**  
HIT-TC-CE 20W GU6,5  
Electronic ballast



IP65

### Leo120 on post - Omnidirectional - Transparent Glass

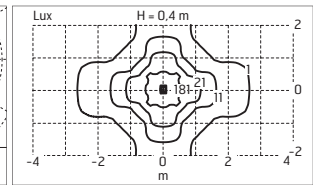
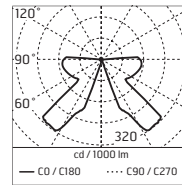
Light Source: Power LED / 17,6W / Total power 18,6W / CRI>80 / 220÷240V / Integral electronic power supply



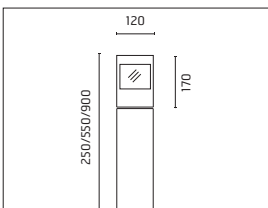
**123114118**  
White 2700K  
lm LED 4x442 = lm OUTPUT 4x160

**123168118**  
White 3000K  
lm LED 4x475 = lm OUTPUT 4x172

**123170118**  
White 4000K  
lm LED 4x510 = lm OUTPUT 4x185



@4000K

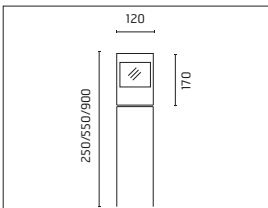
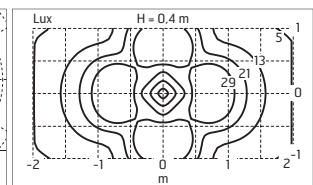
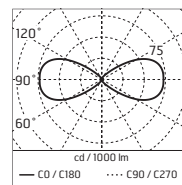


IP65

### Leo120 on post - Omnidirectional - Sandblasted Glass

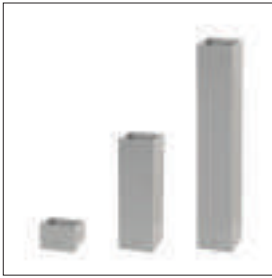


**12316248**  
HIT-TC-CE 20W GU6,5  
Electronic ballast



IP65

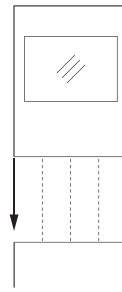
## Leo120 on post / Poles



**12325**  
H. 80 mm

**12355**  
H. 380 mm

**12390**  
H. 730 mm



Top installation on pole







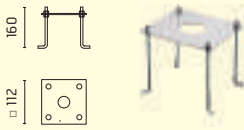
Leo120 - Leo120 on post



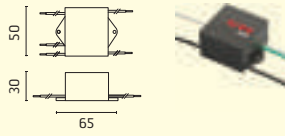


## Accessories: Leo120 - Leo120 on post

**130**  
BASE PLATE AND FIXING BOLTS  
112 x 112 x H 160mm



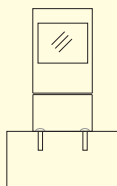
**237**  
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNECTION  
- IP66



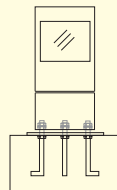
acc. code ▶	130	237
prod. code ▼		
12325	•	
12355	•	
12390	•	
12314644		•
12314652		•
12316243		
12316245		
12316247		
12316248		
12316250		
12316253		
12316254		
12316644		•
12316652		•
12316744		•
12316752		•

acc. code ▶	130	237
prod. code ▼		
12316853		•
12316854		•
12317054		•
123114118		•
123114137		•
123162116		
123162117		
123162136		
123166137		•
123167137		•
123168118		•
123170118		•
123214117		•
123234117		•
123235117		•
12314854		•

**Correct Fixing Method**  
Bollard fixed on plinth +  
suitable installation screws



**Correct Fixing Method**  
Bollard fixed on plinth + fixing bolts



**Incorrect Fixing Method**  
Do not fix the bollard directly on the ground  
without plinth







# LEO 160

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Diffuser: lens or transparent or sandblasted glass fixed to the structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8mm<math>\times</math>13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes

**A<sup>++</sup>**  
**A<sup>+</sup>**  
**A**  
**A<sup>+</sup>**

**LED VERSION::**  
 Class A/A+/A++  
 Luminaire supplied with integrated LED modules that cannot be replaced

**METAL HALIDE VERSION:**  
 Class A+  
 HIT-CE/G12



Wall fitting



The fitting is equipped with 2 cable input



Protection against impact.  
 IK 05 - 7,00 joule

### Leo160 - Unidirectional - 2° - Convex Lens

Light Source: Power LED / 6,2W / Total power 9,8W / CRI>80 / 110÷240V / Integral electronic power supply

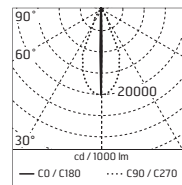
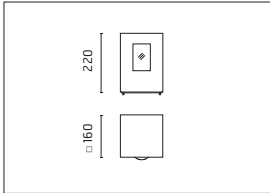


**12315144**  
White 2700K  
lm LED 574 ± lm OUTPUT 112



**12324144**  
White 3000K  
lm LED 617 ± lm OUTPUT 120

**12324044**  
White 4000K  
lm LED 663 ± lm OUTPUT 129



m	lux	
	Max	Med
1.00	2542	1639
2.00	635	410
3.00	282	182
4.00	159	102
5.00	102	66

$\alpha = 1.0^\circ + 1.0^\circ$        $\beta = 23.0^\circ + 23.0^\circ$

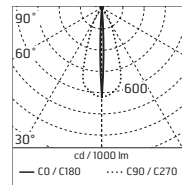
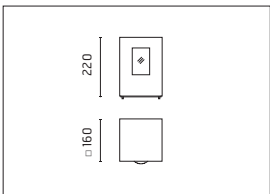
@4000K

IP65

### Leo160 - Unidirectional - 4° - Convex Lens



**1233543**  
HIT-CE 35W G12  
Electronic ballast

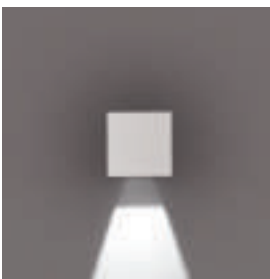


m	lux	
	Max	Med
1.00	2333	1530
2.00	583	382
3.00	259	170
4.00	146	96
5.00	93	61

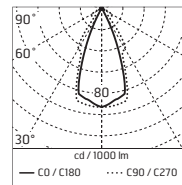
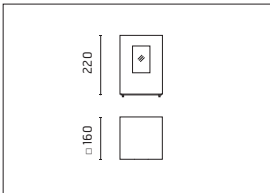
$\alpha = 2.0^\circ + 2.0^\circ$        $\beta = 20.0^\circ + 20.0^\circ$

IP65

### Leo160 - Unidirectional - 40°



**1233550**  
HIT-CE 35W G12  
Electronic ballast



m	lux	
	Max	Med
1.00	316	209
2.00	79	52
3.00	35	23
4.00	20	13
5.00	13	8

$\alpha = 21.0^\circ + 21.0^\circ$        $\beta = 25.0^\circ + 25.0^\circ$

IP65

**Leo160 - Unidirectional - 65°**

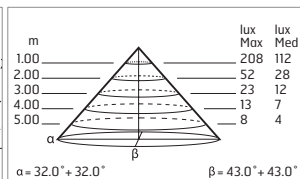
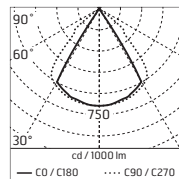
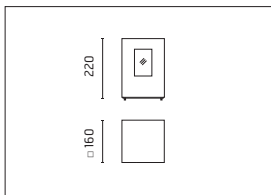
**Light Source:** Power LED / 6,2W / Total power 9,8W / CRI>80 / 110±240V / Integral electronic power supply



**12315152**  
White 2700K  
lm LED 574 ≈ lm OUTPUT 257

**12324152**  
White 3000K  
lm LED 617 ≈ lm OUTPUT 276

**12324052**  
White 4000K  
lm LED 663 ≈ lm OUTPUT 297



@4000K

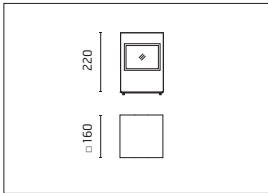
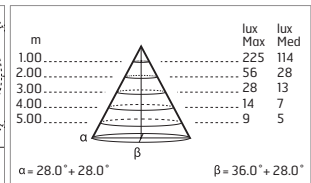
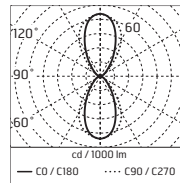
IP65



**Leo160 - Bidirectional - Sandblasted Glass**



**1233547**  
HIT-CE 35W G12  
Electronic ballast

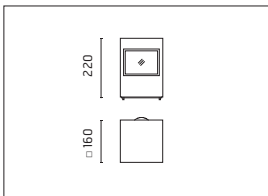
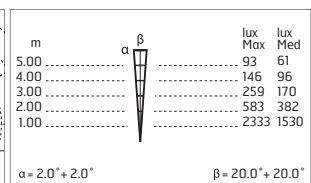
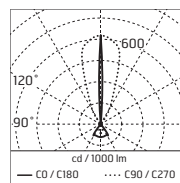


IP65

**Leo160 - Bidirectional - Combined: 4° (Convex Lens) + 75°**

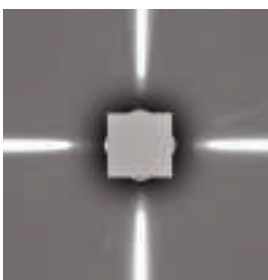


**1233554**  
HIT-CE 35W G12  
Electronic ballast

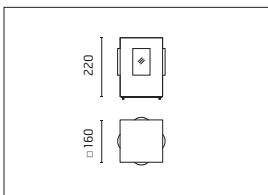
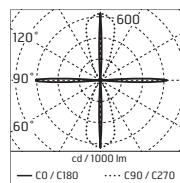


IP65

**Leo160 - Omnidirectional - 4° - Convex Lens**



**1233545**  
HIT-CE 35W G12  
Electronic ballast

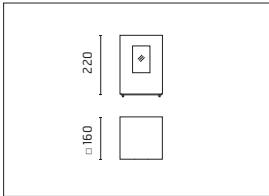
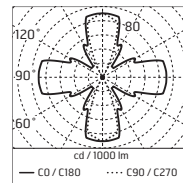


IP65

### Leo160 - Omnidirectional - 40°



**1233553**  
HIT-CE 35W G12  
Electronic ballast



IP65

### Leo160 - Omnidirectional - 65°

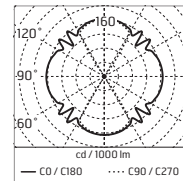
Light Source: Power LED / 24,8W / Total power 28,6W / CRI>80 / 110÷240V / Integral electronic power supply



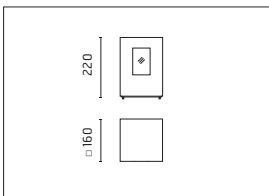
**12315454**  
White 2700K  
lm LED 4x574 ≠ lm OUTPUT 4x257

**12324454**  
White 3000K  
lm LED 4x617 ≠ lm OUTPUT 4x276

**12324354**  
White 4000K  
lm LED 4x663 ≠ lm OUTPUT 4x297

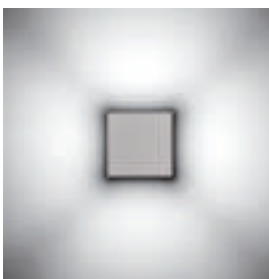


@4000K

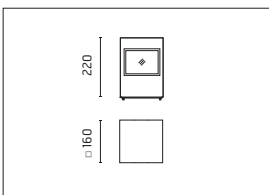
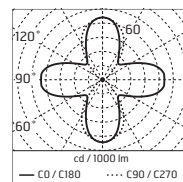


IP65

### Leo160 - Omnidirectional - Sandblasted Glass



**1233548**  
HIT-CE 35W G12  
Electronic ballast



IP65



# LEO 160 ON POST

- Luminaire for installation on post – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content), extruded aluminium post. Glass diffuser: transparent or sandblasted fixed to the structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8mm<math>\times</math>13mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. For watertightness to be assured the use of a multicore cable is mandatory, the use of single unipolar cables is not allowed.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced

**METAL HALIDE VERSION:**  
Class A+  
HIT-CE/G12



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Bollard light



The fitting is equipped with 2 cable input



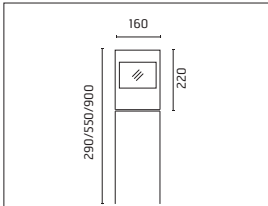
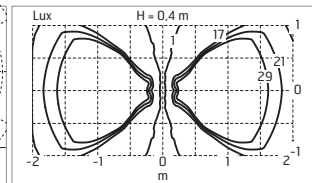
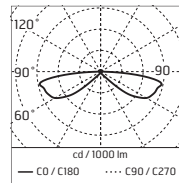
Protection against impact.  
IK 05 - 7,00 joule



### Leo160 on post - Bidirectional - Transparent Glass



**12335136**  
HIT-CE 35W G12  
  
Electronic ballast



IP65

### Leo160 on post - Bidirectional - Transparent Glass

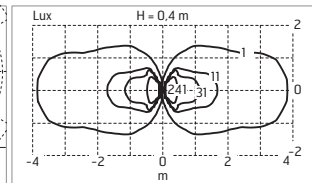
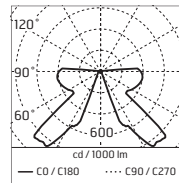
Light Source: Power LED / 12,4W / Total power 16W / CRI>80 / 110÷240V / Integral electronic power supply



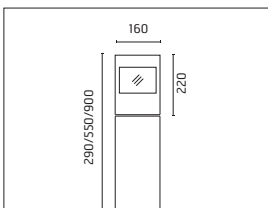
**123151137**  
White 2700K  
lm LED 2x574 = lm OUTPUT 2x207

**123241137**  
White 3000K  
lm LED 2x617 = lm OUTPUT 2x223

**123240137**  
White 4000K  
lm LED 2x663 = lm OUTPUT 2x240



@4000K



IP65

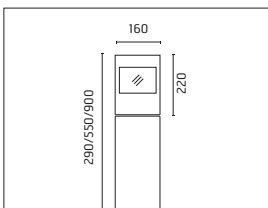
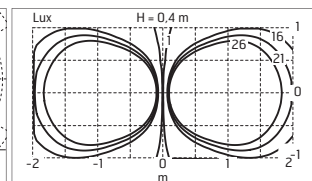
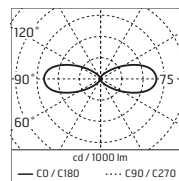
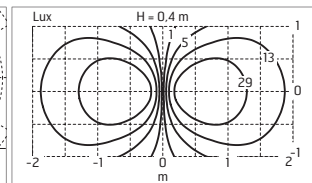
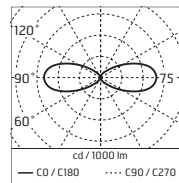
### Leo160 on post - Bidirectional - Sandblasted Glass



**1233547**  
HIT-CE 35W G12  
  
Electronic ballast

**1237147**  
HIT-CE 70W G12

Electronic ballast

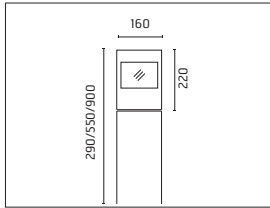
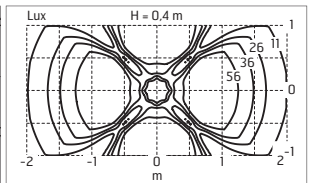
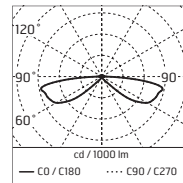


IP65

### Leo160 on post - Omnidirectional - Transparent Glass



**12335117**  
HIT-CE 35W G12  
Electronic ballast



IP65

### Leo160 on post - Omnidirectional - Transparent Glass

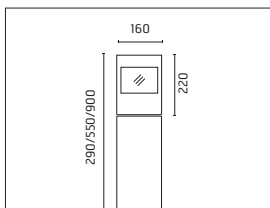
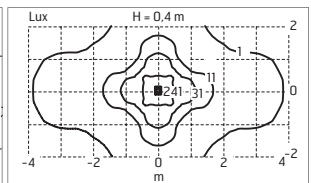
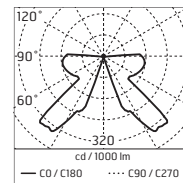
Light Source: Power LED / 24,8W / Total power 28,6W / CRI>80 / 110÷240V / Integral electronic power supply



**123154118**  
White 2700K  
lm LED 4x574 ≠ lm OUTPUT 4x207

**123244118**  
White 3000K  
lm LED 4x617 ≠ lm OUTPUT 4x223

**123243118**  
White 4000K  
lm LED 4x663 ≠ lm OUTPUT 4x240



@4000K

IP65

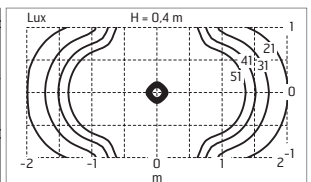
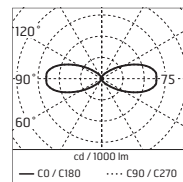
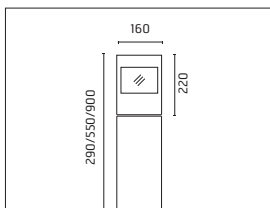
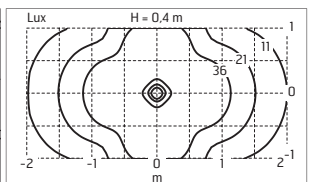
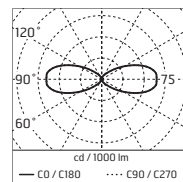
### Leo160 on post - Omnidirectional - Sandblasted Glass



**1233548**  
HIT-CE 35W G12  
Electronic ballast

**1237148**  
HIT-CE 70W G12

Electronic ballast



IP65

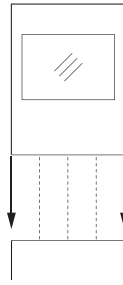
## Leo160 on post / Poles



**12425**  
H. 70 mm

**12455**  
H. 330 mm

**12490**  
H. 680 mm

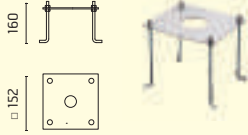


Top installation on pole

## Accessories: Leo160 - Leo160 on post

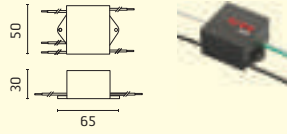
**131**

BASE PLATE AND FIXING BOLTS  
152 x 152 x H 160mm



**237**

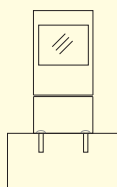
SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNEC-  
TION - IP66



acc. code ▶	131	237
prod. code ▼		
12425	•	
12455	•	
12490	•	
1233543		
1233545		
1233547		
1233548		
1233550		
1233553		
1233554		
1237147		
1237148		
12315144		•
12315152		•
12315454		•
12324044		•
12324052		•
12324144		•
12324152		•
12324354		•
12324454		•
12335117		
12335136		
123151137		•
123154118		•
123240137		•
123241137		•
123243118		•
123244118		•

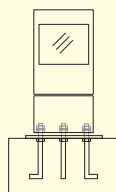
### Correct Fixing Method

Bollard fixed on plinth +  
suitable installation screws



### Correct Fixing Method

Bollard fixed on plinth + fixing bolts



### Incorrect Fixing Method

Do not fix the bollard directly on the ground  
without plinth











- Luminaire for installation on wall – surface mounted.
- Configuration: polycarbonate structure and die-cast aluminium cover and base, EN AB-47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8mm<math>\varnothing</math><math><13\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes

	<b>LED VERSION:</b> Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	<b>FLUORESCENT VERSION:</b> Class A TC-DEL/G24q-2



Wall fitting



The fitting is equipped with 2 cable input.

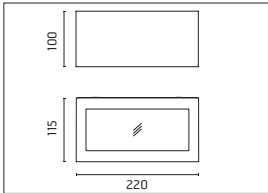
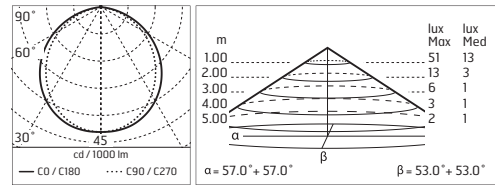


Protection against impact.  
IK 10 - 20,00 joule

## Midna - Unidirectional



**529001**  
TC-DEL 18W G24q-2  
Electronic ballast



IP66

## Midna - Unidirectional

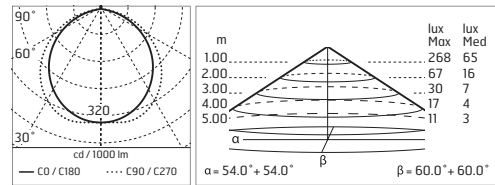
Light Source: Mid-Power LED / 8,8W / Total power 11W / CRI>80 / 220-240V / Integral electronic power supply



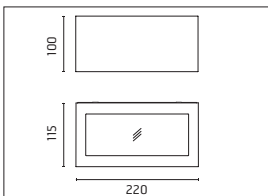
**529024**  
**529024-300** Dimmable Dali  
**529024-310** Dimmable 1-10  
White 2700K  
lm LED 1502 ≠ lm OUTPUT 710

**529004**  
**529004-300** Dimmable Dali  
**529004-310** Dimmable 1-10  
White 3000K  
lm LED 1615 ≠ lm OUTPUT 763

**529003**  
**529003-300** Dimmable Dali  
**529003-310** Dimmable 1-10  
White 4000K  
lm LED 1668 ≠ lm OUTPUT 788



@4000K

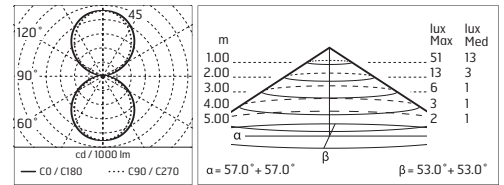
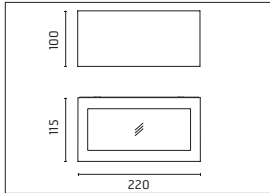


IP66

## Midna - Bidirectional



**529005**  
TC-DEL 18W G24q-2  
Electronic ballast



IP66

## Midna - Bidirectional

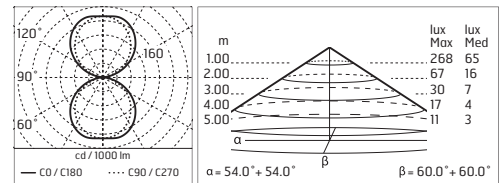
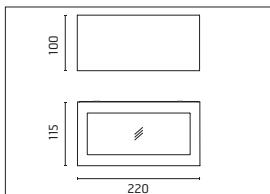
Light Source: Mid-Power LED / 17,6W / Total power 19W / CRI>80 / 220-240V / Integral electronic power supply



**529028**  
**529028-300** Dimmable Dali  
**529028-310** Dimmable 1-10  
White 2700K  
lm LED 2x1502  $\neq$  lm OUTPUT 2x710

**529008**  
**529008-300** Dimmable Dali  
**529008-310** Dimmable 1-10  
White 3000K  
lm LED 2x1615  $\neq$  lm OUTPUT 2x763

**529007**  
**529007-300** Dimmable Dali  
**529007-310** Dimmable 1-10  
White 4000K  
lm LED 2x1668  $\neq$  lm OUTPUT 2x788



@4000K

IP66





EU Regulation 874/2012 - Illumination equipment energy classes

**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced

.1 White .6 Grey .3 Anthracite .4 Black .18 Deep Brown



## Midna High Efficiency - Unidirectional

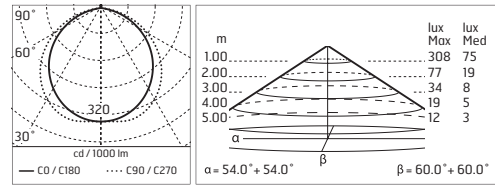
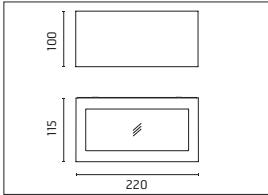
Light Source: Mid-Power LED / 8,8W / Total power 11W / CRI>80 / 220-240V / Integral electronic power supply



**529053**  
**529053-300** Dimmable Dali  
**529053-310** Dimmable 1-10  
 White 2700K  
 lm LED 1502 ≠ lm OUTPUT 815

**529052**  
**529052-300** Dimmable Dali  
**529052-310** Dimmable 1-10  
 White 3000K  
 lm LED 1615 ≠ lm OUTPUT 876

**529051**  
**529051-300** Dimmable Dali  
**529051-310** Dimmable 1-10  
 White 4000K  
 lm LED 1668 ≠ lm OUTPUT 905



@4000K

IP66

## Midna High Efficiency - Bidirectional

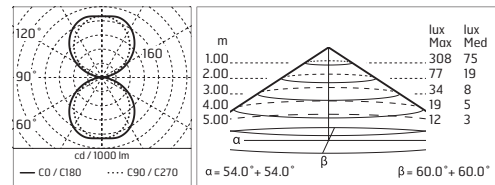
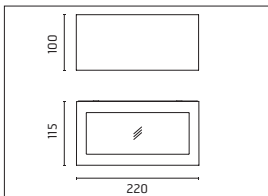
Light Source: Mid-Power LED / 17,6W / Total power 19W / CRI>80 / 220-240V / Integral electronic power supply



**529056**  
**529056-300** Dimmable Dali  
**529056-310** Dimmable 1-10  
 White 2700K  
 lm LED 2x1502 ≠ lm OUTPUT 2x815

**529055**  
**529055-300** Dimmable Dali  
**529055-310** Dimmable 1-10  
 White 3000K  
 lm LED 2x1615 ≠ lm OUTPUT 2x876

**529054**  
**529054-300** Dimmable Dali  
**529054-310** Dimmable 1-10  
 White 4000K  
 lm LED 2x1668 ≠ lm OUTPUT 2x905



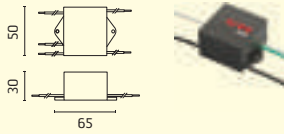
@4000K

IP66

## Accessories: Midna

### 237

SPD: (SURGE PROTECTION DEVICE)  
 275Vac  
 MAXIMUM DISCHARGE CURRENT  
 10KA (8/20µs)  
 MAXIMUM OPERATING CURRENT 5A  
 SUITABLE FOR SERIES CONNEC-  
 TION - IP66



acc. code ▶	dimmi DALI	dimmi 1-10	237
529001			
529003	-300	-310	•
529004	-300	-310	•
529005			
529007	-300	-310	•
529008	-300	-310	•
529024	-300	-310	•
529028	-300	-310	•
529051	-300	-310	•
529052	-300	-310	•
529053	-300	-310	•
529054	-300	-310	•
529055	-300	-310	•
529056	-300	-310	•








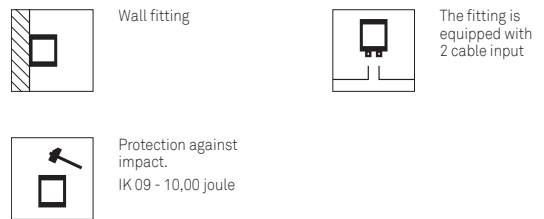




- Luminaire for installation on wall – surface mounted.
- Configuration: polycarbonate structure and die-cast aluminium cover and base (MaxiMelrie only), EN AB-47100 alloy (low copper content)
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: Melrie: II; MaxiMelrie: I
- Installation: Melrie: wiring through two rubber cable holders (5mm<math>\varnothing</math><math><10\text{mm}</math> cables); MaxiMelrie: wiring through two rubber cable holders (8mm<math>\varnothing</math><math><13\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.  
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.  
Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

	<b>LED VERSION:</b> Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	<b>FLUORESCENT VERSION:</b> Class A TC-DEL/G24q-1 TC-DEL/G24q-3
	<b>HALOGEN VERSION:</b> Class D QT26/E14

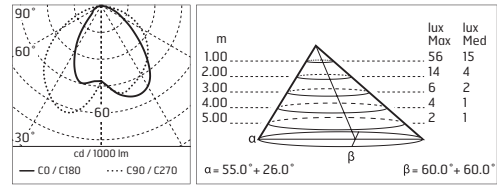
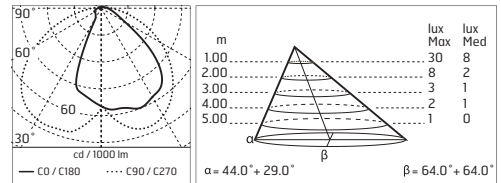
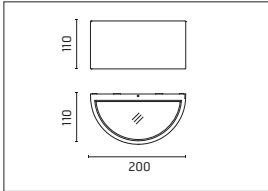


## Melrie - Unidirectional



**481121**  
 QT 26 40W E14  
 Lamp max size: Ø40 mm H.95 mm

**485721**  
 TC-DEL 13W G24q-1  
 Electronic ballast



IP65

## Melrie - Unidirectional

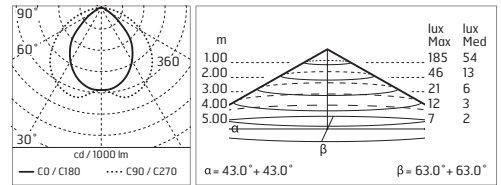
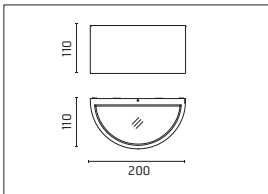
Light Source: Mid-Power LED / 5,5W / Total power 8W / CRI>80 / 220÷240V / Integral electronic power supply



**483005**  
 White 2700K  
 lm LED 714  $\neq$  lm OUTPUT 452

**483002**  
 White 3000K  
 lm LED 768  $\neq$  lm OUTPUT 486

**483001**  
 White 4000K  
 lm LED 806  $\neq$  lm OUTPUT 510



@4000K

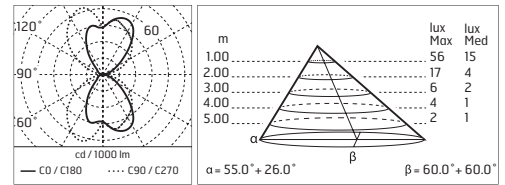
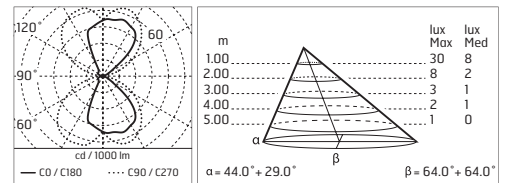
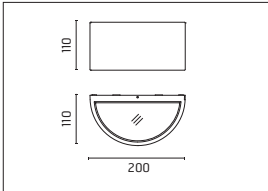
IP65

**Melrie - Bidirectional**



**481122**  
 QT 26 40W E14  
 Lamp max size: Ø40 mm H.95 mm

**485722**  
 TC-DEL 13W G24q-1  
 Electronic ballast



IP65

**Melrie - Bidirectional**

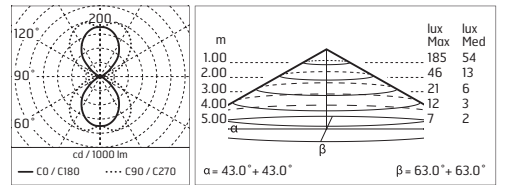
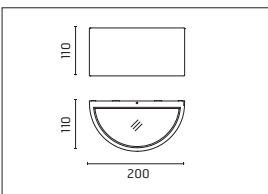
Light Source: Mid-Power LED / 11W / Total power 14W / CRI>80 / 220÷240V / Integral electronic power supply



**483006**  
 White 2700K  
 lm LED 2x714 ≠ lm OUTPUT 2x452

**483004**  
 White 3000K  
 lm LED 2x768 ≠ lm OUTPUT 2x486

**483003**  
 White 4000K  
 lm LED 2x806 ≠ lm OUTPUT 2x510



@4000K

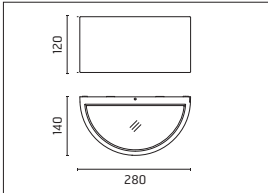
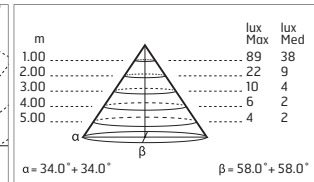
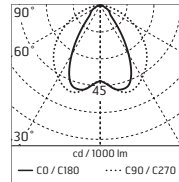
IP65



## MaxiMelrie - Unidirectional



**486121**  
TC-DEL 26W G24q-3  
Electronic ballast



IP65

## MaxiMelrie - Unidirectional

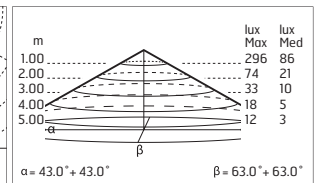
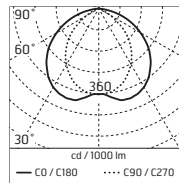
Light Source: Mid-Power LED / 8,8W / Total power 12W / CRI>80 / 220÷240V / Integral electronic power supply



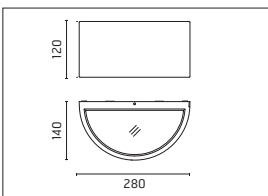
**4827524**  
White 2700K  
lm LED 1144  $\approx$  lm OUTPUT 724

**4827521**  
White 3000K  
lm LED 1230  $\approx$  lm OUTPUT 778

**4827421**  
White 4000K  
lm LED 1291  $\approx$  lm OUTPUT 817



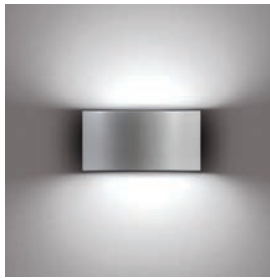
@4000K



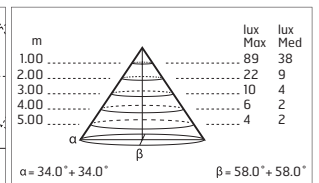
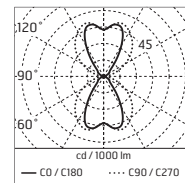
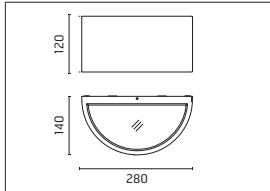
Dimmable on request

IP65

## MaxiMelrie - Bidirectional



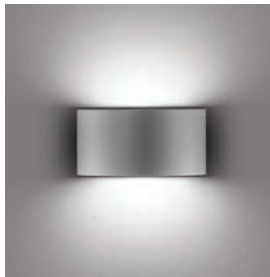
**486122**  
TC-DEL 26W G24q-3  
Electronic ballast



IP65

## MaxiMelrie - Bidirectional

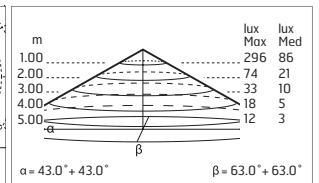
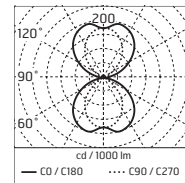
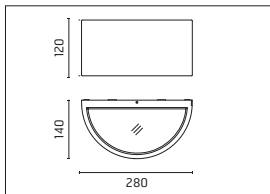
Light Source: Mid-Power LED / 17,6W / Total power 18W / CRI>80 / 220÷240V / Integral electronic power supply



**4827525**  
White 2700K  
lm LED 2x1144  $\approx$  lm OUTPUT 2x724

**4827522**  
White 3000K  
lm LED 2x1230  $\approx$  lm OUTPUT 2x778

**4827422**  
White 4000K  
lm LED 2x1291  $\approx$  lm OUTPUT 2x817



@4000K

Dimmable on request

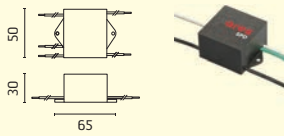
IP65



## Accessories: Melrie

### 237

SPD: (SURGE PROTECTION DEVICE)  
 275Vac  
 MAXIMUM DISCHARGE CURRENT  
 10KA (8/20µs)  
 MAXIMUM OPERATING CURRENT 5A  
 SUITABLE FOR SERIES CONNEC-  
 TION - IP66



acc. code ▶	237
prod. code ▼	
481121	
481122	
483001	•
483002	•
483003	•
483004	•
483005	•
483006	•
485721	
485722	
486121	
486122	
4827421	•
4827422	•
4827521	•
4827522	•
4827524	•
4827525	•










# EMMA 70

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: transparent.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through one cable holder (5mm<math>\times</math>10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

  	<p><b>LED VERSION:</b> Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced</p>
	<p><b>HALOGEN VERSION:</b> Class B QR.CBC51/GU5,3</p>
	<p><b>HALOGEN VERSION:</b> Class D QPARCBC51/GZ10</p>



Wall fitting

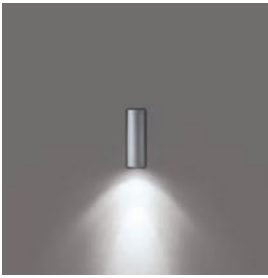


The fitting is equipped with 1 cable input

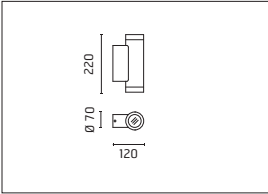


Protection against impact.  
IK 08 - 5,00 joule

## Emma70 - Unidirectional



**1162821.A**  
 PAR 16 50W/230V GZ10  
 Lamp max size: Ø50 mm H.55 mm  
 Optional LED bulb  
 DR PAR 7,5W/230V GZ10  
 Lamp max size: Ø50 mm H.55 mm



IP66

## Emma70 - Unidirectional - 14°

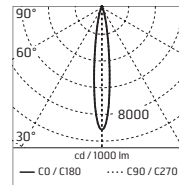
Light Source: Power LED / 4,6W / Total power 6,5W / CRI>80 / 110÷240V / Integral electronic power supply



**1162712.A**  
 White 2700K  
 lm LED 574 ≈ lm OUTPUT 439

**1165612.A**  
 White 3000K  
 lm LED 617 ≈ lm OUTPUT 472

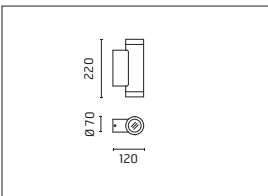
**11617212.A**  
 White 4000K  
 lm LED 649 ≈ lm OUTPUT 488



m	lux	
	Max	Med
1.00	4511	2893
2.00	1128	723
3.00	501	321
4.00	282	181
5.00	180	116

α = 7.0° + 7.0°      β = 7.0° + 7.0°

@ 4000K



IP66

## Emma70 - Unidirectional - 54°

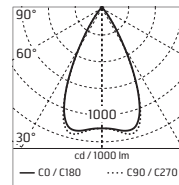
Light Source: Power LED / 4,6W / Total power 6,5W / CRI>80 / 110÷240V / Integral electronic power supply



**1162721.A**  
 White 2700K  
 lm LED 574 ≈ lm OUTPUT 392

**1165621.A**  
 White 3000K  
 lm LED 617 ≈ lm OUTPUT 422

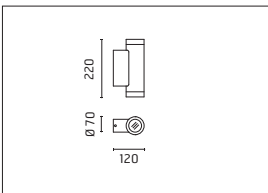
**11617221.A**  
 White 4000K  
 lm LED 649 ≈ lm OUTPUT 436



m	lux	
	Max	Med
1.00	494	309
2.00	124	77
3.00	55	34
4.00	31	19
5.00	20	12

α = 27.0° + 27.0°      β = 27.0° + 27.0°

@ 4000K

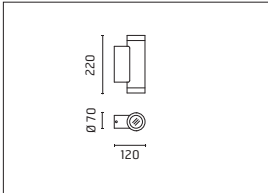
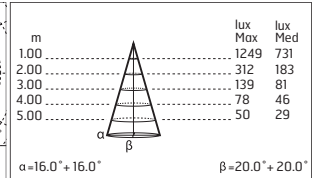
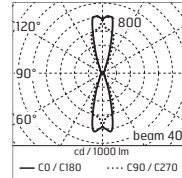


IP66

## Emma70 - Bidirectional



**1162842.A**  
 PAR 16 2x50W/230V GZ10  
 Lamp max size: Ø50 mm H.55 mm  
 Optional LED bulb  
 DR PAR 7,5W/230V GZ10  
 Lamp max size: Ø50 mm H.55 mm



IP66

## Emma70 - Bidirectional - 14°

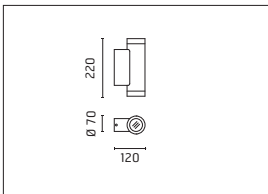
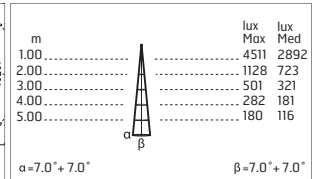
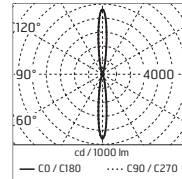
Light Source: Power LED / 9,3W / Total power 12W / CRI>80 / 110±240V / Integral electronic power supply



**11627113.A**  
 White 2700K  
 lm LED 2x574 ≠ lm OUTPUT 2x439

**11656113.A**  
 White 3000K  
 lm LED 2x617 ≠ lm OUTPUT 2x472

**116172113.A**  
 White 4000K  
 lm LED 2x649 ≠ lm OUTPUT 2x488



@ 4000K

IP66

## Emma70 - Bidirectional - 54°

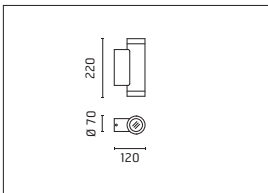
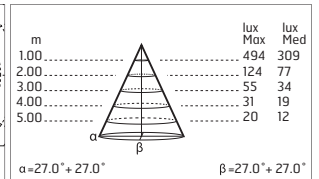
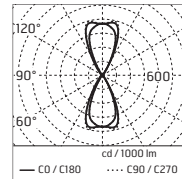
Light Source: Power LED / 9,3W / Total power 12W / CRI>80 / 110±240V / Integral electronic power supply



**1162742.A**  
 White 2700K  
 lm LED 2x574 ≠ lm OUTPUT 2x392

**1165642.A**  
 White 3000K  
 lm LED 2x617 ≠ lm OUTPUT 2x422

**11617242.A**  
 White 4000K  
 lm LED 2x649 ≠ lm OUTPUT lm LED  
 2x649 ≠ lm OUTPUT 2x436



@ 4000K

IP66

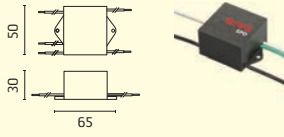




## Accessories: Emma70

### 237

SPD: (SURGE PROTECTION DEVICE)  
 275Vac  
 MAXIMUM DISCHARGE CURRENT  
 10kA (8/20µs)  
 MAXIMUM OPERATING CURRENT 5A  
 SUITABLE FOR SERIES CONNEC-  
 TION - IP66



acc. code ▶	237
prod. code ▼	
1162712.A	•
1162721.A	•
1162742.A	•
1162821.A	
1162842.A	
1165612.A	•
1165621.A	•
1165642.A	•
11617212.A	•
11617221.A	•
11617242.A	•
11627113.A	•
11656113.A	•
116172113.A	•











# EMMA 110

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium fixing base and frames, EN AB-47100 alloy (low copper content), extruded aluminium body. Glass diffuser: transparent.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8mm<math>\varnothing</math><math><12\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. A quick clamp placed in the wiring unit allows an easy connection and disconnection for installation or maintenance.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes

	<b>LED VERSION:</b> Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	<b>HALOGEN VERSION:</b> Class A/A+
	HIT-TC-CE/G8,5
	<b>HALOGEN VERSION:</b> Class D QPAR/E27

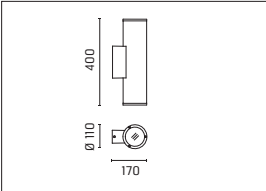
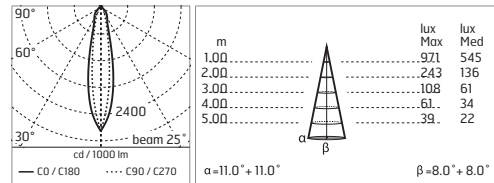




## Emma110 - Unidirectional



**1170121.A**  
QPAR 50W E27  
Lamp max size: Ø95 mm H.60 mm

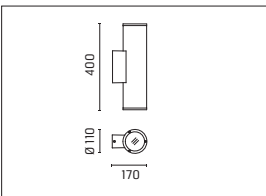
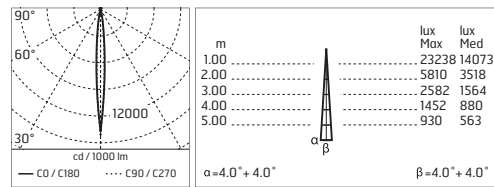


IP66

## Emma110 - Unidirectional - 10°



**1176612.A**  
HIT-TC-CE 20W G8.5  
Electronic ballast

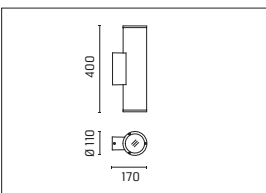
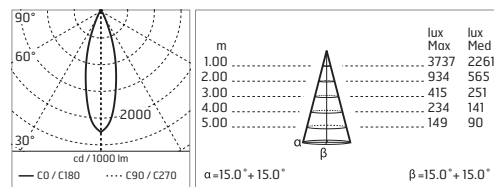


IP66

## Emma110 - Unidirectional - 30°



**1176621.A**  
HIT-TC-CE 20W G8.5  
Electronic ballast



IP66

### Emma110 - Unidirectional - 20°

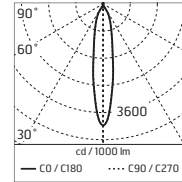
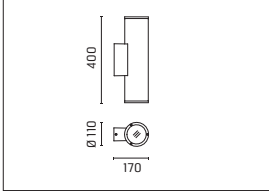
Light Source: CoB LED / 12W / Total power 14,5W / CRI>80 / 220÷240V / Integral electronic power supply



**117279146.A**  
White 2700K  
lm LED 1895 ≠ lm OUTPUT 1569

**117269146.A**  
White 3000K  
lm LED 2038 ≠ lm OUTPUT 1687

**117268146.A**  
White 4000K  
lm LED 2123 ≠ lm OUTPUT 1757



m	lux	
	Max	Med
1.00	7387	4735
2.00	1847	1184
3.00	821	526
4.00	462	296
5.00	295	189

$\alpha = 10.0^\circ + 10.0^\circ$        $\beta = 10.0^\circ + 10.0^\circ$

@ 4000K

IP66

### Emma110 - Unidirectional - 38°

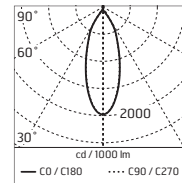
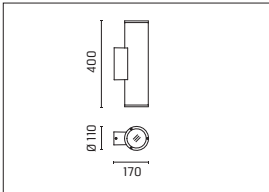
Light Source: CoB LED / 12W / Total power 14,5W / CRI>80 / 220÷240V / Integral electronic power supply



**117279147.A**  
White 2700K  
lm LED 1895 ≠ lm OUTPUT 1526

**117269147.A**  
White 3000K  
lm LED 2038 ≠ lm OUTPUT 1641

**117268147.A**  
White 4000K  
lm LED 2123 ≠ lm OUTPUT 1709



m	lux	
	Max	Med
1.00	3348	1944
2.00	837	486
3.00	372	216
4.00	209	121
5.00	134	78

$\alpha = 19.0^\circ + 19.0^\circ$        $\beta = 19.0^\circ + 19.0^\circ$

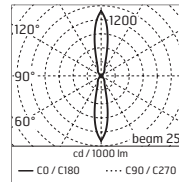
@ 4000K

IP66

## Emma110 - Bidirectional

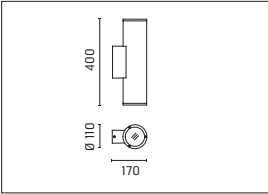


**1170242.A**  
QPAR20 2x50W E27  
Lamp max size: Ø95 mm H.60 mm



m	lux	
	Max	Med
1.00	972	546
2.00	243	136
3.00	108	61
4.00	61	34
5.00	39	22

$\alpha = 11.0^\circ + 11.0^\circ$        $\beta = 8.0^\circ + 8.0^\circ$

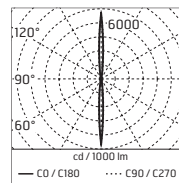


IP66

## Emma110 - Bidirectional - 10°

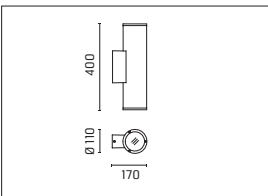


**11715012.A**  
HIT-TC-CE 2x20W G8.5  
Electronic ballast



m	lux	
	Max	Med
1.00	23240	14074
2.00	5810	3519
3.00	2582	1567
4.00	1453	880
5.00	930	563

$\alpha = 4.0^\circ + 4.0^\circ$        $\beta = 4.0^\circ + 4.0^\circ$

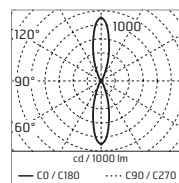


IP66

## Emma110 - Bidirectional - 30°

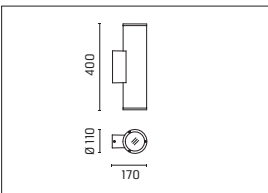


**11715042.A**  
HIT-TC-CE 2x20W G8.5  
Electronic ballast



m	lux	
	Max	Med
1.00	3740	2263
2.00	935	566
3.00	416	251
4.00	234	151
5.00	150	91

$\alpha = 15.0^\circ + 14.0^\circ$



IP66

### Emma110 - Bidirectional - 20°

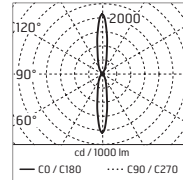
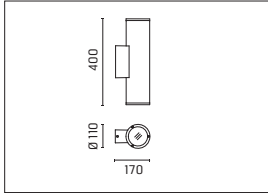
Light Source: CoB LED / 24W / Total power 27W / CRI>80 / 220÷240V / Integral electronic power supply



**117279148.A**  
White 2700K  
lm LED 2x1895 = lm OUTPUT 2x1569

**117269148.A**  
White 3000K  
lm LED 2x2038 = lm OUTPUT 2x1687

**117268148.A**  
White 4000K  
lm LED 2x2123 = lm OUTPUT 2x1757



m	lux	
	Max	Med
1.00	7387	4735
2.00	1847	1184
3.00	821	526
4.00	462	296
5.00	295	189

$\alpha = 10.0^\circ + 10.0^\circ$        $\beta = 10.0^\circ + 10.0^\circ$

@ 4000K

IP66

### Emma110 - Bidirectional - 38°

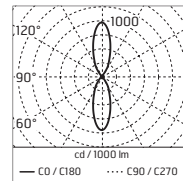
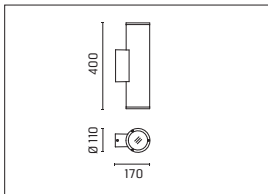
Light Source: CoB LED / 24W / Total power 27W / CRI>80 / 220÷240V / Integral electronic power supply



**117279149.A**  
White 2700K  
lm LED 2x1895 = lm OUTPUT 2x1526

**117269149.A**  
White 3000K  
lm LED 2x2038 = lm OUTPUT 2x1641

**117268149.A**  
White 4000K  
lm LED 2x2123 = lm OUTPUT 2x1709



m	lux	
	Max	Med
1.00	3348	1944
2.00	837	486
3.00	372	216
4.00	209	121
5.00	134	76

$\alpha = 19.0^\circ + 19.0^\circ$        $\beta = 19.0^\circ + 19.0^\circ$

@ 4000K

IP66

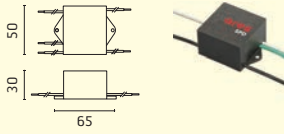




## Accessories: Emma110

### 237

SPD: (SURGE PROTECTION DEVICE)  
 275Vac  
 MAXIMUM DISCHARGE CURRENT  
 10KA (8/20µs)  
 MAXIMUM OPERATING CURRENT 5A  
 SUITABLE FOR SERIES CONNEC-  
 TION - IP66









acc. code ▶	237
prod. code ▼	
1170121.A	
1170242.A	
1176612.A	
1176621.A	
11715012.A	
11715042.A	
117268146.A	•
117268147.A	•
117268148.A	•
117268149.A	•
117269146.A	•
117269147.A	•
117269148.A	•
117269149.A	•
117279146.A	•
117279147.A	•
117279148.A	•
117279149.A	•





- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium fixing base and frames, EN AB-47100 alloy (low copper content), extruded aluminium body. Glass diffuser: transparent.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP66
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through two cable holders (8mm<math>\times</math>12mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder. A quick clamp placed in the wiring unit allows an easy connection and disconnection for installation or maintenance.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes

	<b>LED VERSION:</b> Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	<b>METAL HALIDE VERSION:</b> Class A+ HIT-TC-CE/G8,5
	<b>FLUORESCENT VERSION:</b> Class A TC-TEL/GX24q-3
	<b>HALOGEN VERSION:</b> Class D QPAR30S/E27



Wall fitting



The fitting is equipped with 2 cable input



Protection against impact.  
IK 08 - 5,00 joule

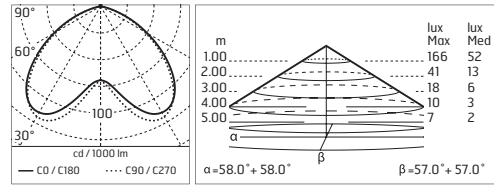
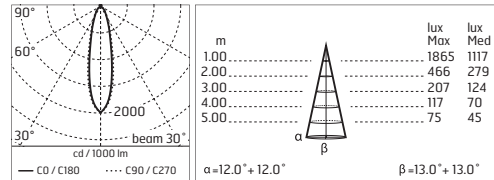
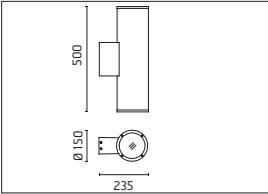


## Emma110 - Bidirectional



**1180121.A**  
QPAR30S 75W E27  
Lamp max size: Ø120 mm H.80 mm

**1189821.A**  
TC-TEL 26W GX24 q-3  
Electronic ballast

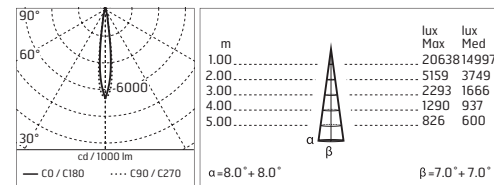
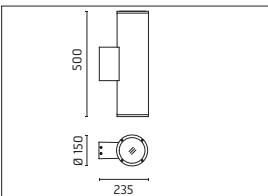


IP66

## Emma150 - Unidirectional - 16°



**1186712.A**  
HIT-TC-CE 35W G8.5  
Electronic ballast

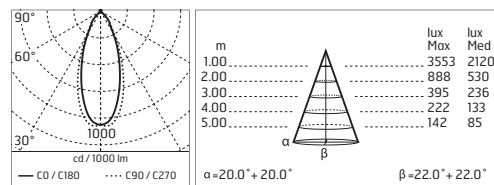
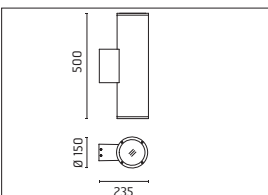


IP66

## Emma150 - Unidirectional - 40°



**1186721.A**  
HIT-TC-CE 35W G8.5  
Electronic ballast



IP66

## Emma150 - Unidirectional - 18°

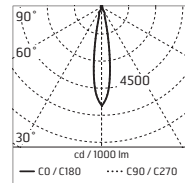
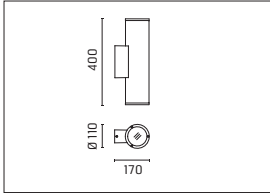
Light Source: CoB LED / 17W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



**118282150.A**  
White 2700K  
lm LED 2744 ≈ lm OUTPUT 2121

**118272150.A**  
White 3000K  
lm LED 2950 ≈ lm OUTPUT 2281

**118271150.A**  
White 4000K  
lm LED 3080 ≈ lm OUTPUT 2382



m	lux	
	Max	Med
1.00	13047	8310
2.00	3262	2078
3.00	1450	923
4.00	815	519
5.00	522	332

@ 4000K

IP66

## Emma150 - Unidirectional - 42°

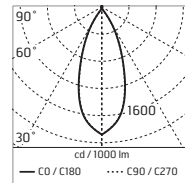
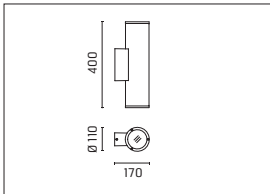
Light Source: CoB LED / 17W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



**118282151.A**  
White 2700K  
lm LED 2744 ≈ lm OUTPUT 2030

**118272151.A**  
White 3000K  
lm LED 2950 ≈ lm OUTPUT 2183

**118271151.A**  
White 4000K  
lm LED 3080 ≈ lm OUTPUT 2279



m	lux	
	Max	Med
1.00	4294	2517
2.00	1074	629
3.00	477	280
4.00	268	157
5.00	172	101

@ 4000K

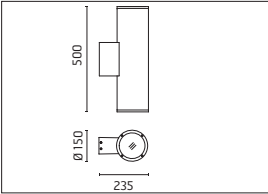
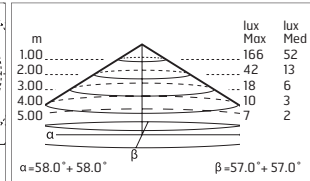
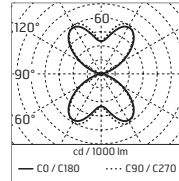
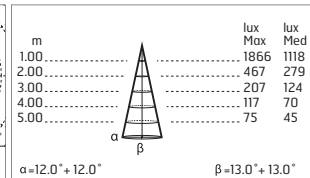
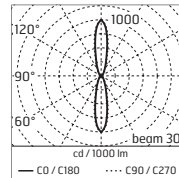
IP66

## Emma110 - Bidirectional



**1180242.A**  
QPAR30S 2x75W E27  
Lamp max size: Ø120 mm H.80 mm

**11815142.A**  
TC-TEL 2x26W GX24 q-3  
Electronic ballast

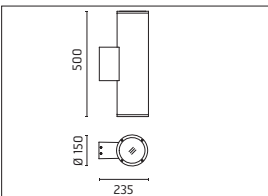
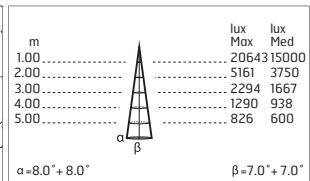
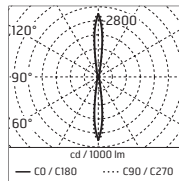


IP66

## Emma150 - Bidirectional - 16°



**11815212.A**  
HIT-TC-CE 2x35W G8.5  
Electronic ballast

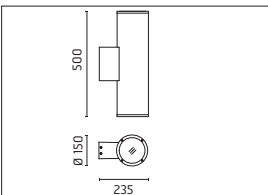
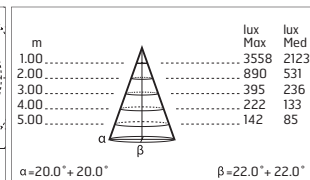
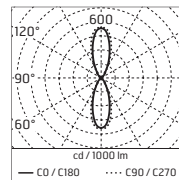


IP66

## Emma150 - Bidirectional - 40°



**11815242.A**  
HIT-TC-CE 2x35W G8.5  
Electronic ballast



IP66

### Emma150 - Bidirectional - 18°

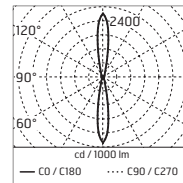
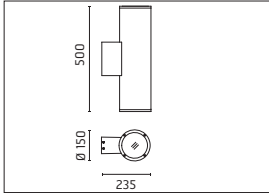
Light Source: CoB LED / 34W / Total power 39W / CRI>80 / 220÷240V / Integral electronic power supply



**118282152.A**  
White 2700K  
lm LED 2x2744 ≠ lm OUTPUT 2x2121

**118272152.A**  
White 3000K  
lm LED 2x2950 ≠ lm OUTPUT 2x2281

**118271152.A**  
White 4000K  
lm LED 2x3080 ≠ lm OUTPUT 2x2382



m	lux	
	Max	Med
1.00	13046	8310
2.00	3262	2077
3.00	1450	923
4.00	815	519
5.00	522	332

$\alpha = 9.0^\circ + 9.0^\circ$   $\beta = 9.0^\circ + 9.0^\circ$   
@ 4000K

IP66

### Emma150 - Bidirectional - 42°

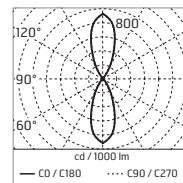
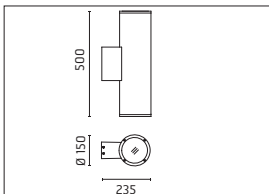
Light Source: CoB LED / 34W / Total power 39W / CRI>80 / 220÷240V / Integral electronic power supply



**118282153.A**  
White 2700K  
lm LED 2x2744 ≠ lm OUTPUT 2x2030

**118272153.A**  
White 3000K  
lm LED 2x2950 ≠ lm OUTPUT 2x2183

**118271153.A**  
White 4000K  
lm LED 2x3080 ≠ lm OUTPUT 2x2279



m	lux	
	Max	Med
1.00	4294	2517
2.00	1074	629
3.00	477	280
4.00	268	157
5.00	172	101

$\alpha = 21.0^\circ + 21.0^\circ$   $\beta = 21.0^\circ + 21.0^\circ$   
@ 4000K

IP66

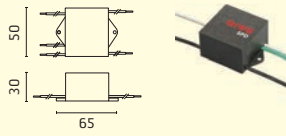




## Accessories: Emma150

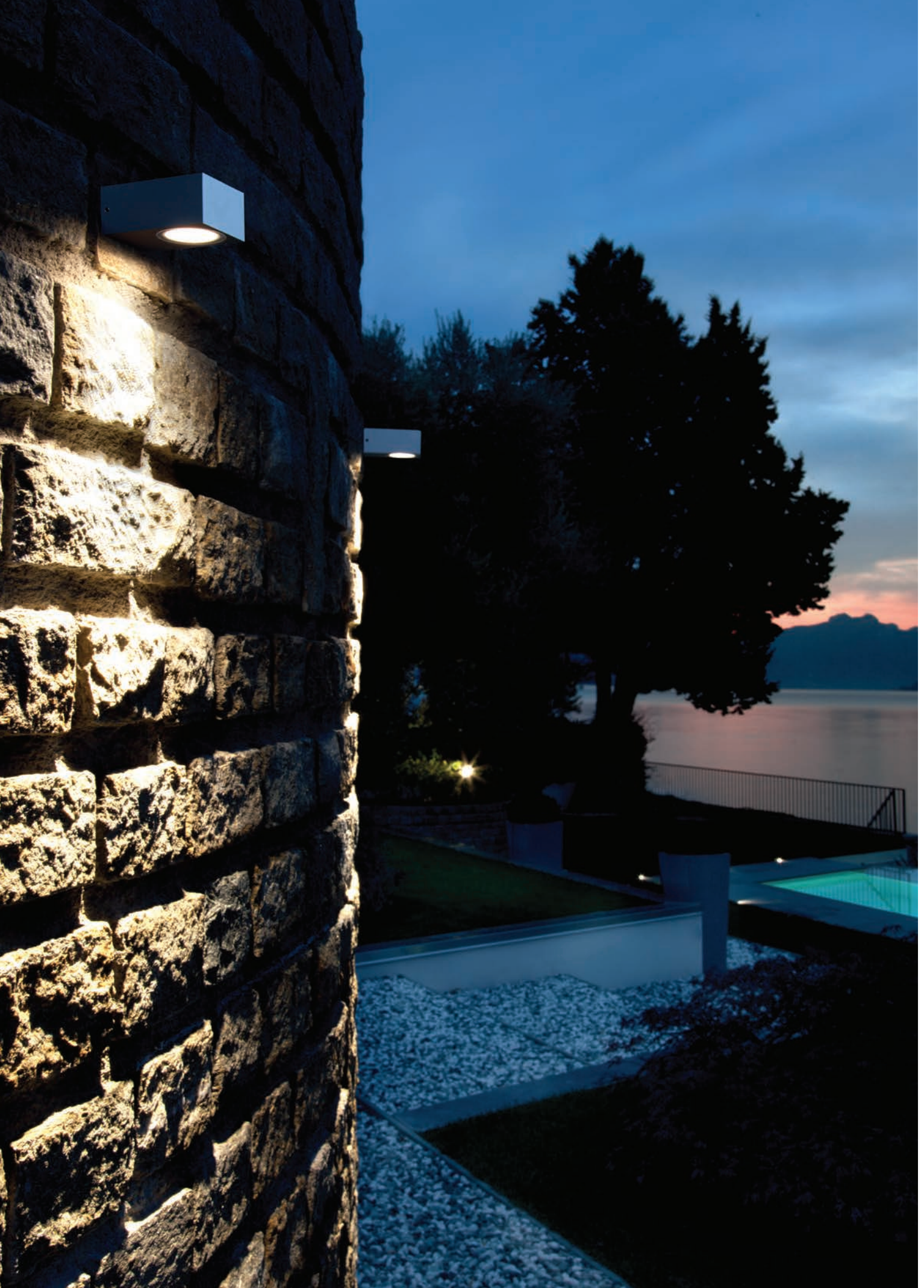
### 237

SPD: (SURGE PROTECTION DEVICE)  
 275Vac  
 MAXIMUM DISCHARGE CURRENT  
 10KA (8/20µs)  
 MAXIMUM OPERATING CURRENT 5A  
 SUITABLE FOR SERIES CONNEC-  
 TION - IP66



acc. code ▶	237
prod. code ▼	
1180121.A	
1180242.A	
1186712.A	
1186721.A	
1189821.A	
11815142.A	
11815212.A	
11815242.A	
118271150.A	•
118271151.A	•
118271152.A	•
118271153.A	•
118272150.A	•
118272151.A	•
118272152.A	•
118272153.A	•
118282150.A	•
118282151.A	•
118282152.A	•
118282153.A	•





- Luminaire for installation on wall – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Glass diffuser: extra clear with silkscreen border, fixed to the body by a double-sided tape.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is equipped with a dc/dc resin-coated converter that removes electromagnetic interference. The luminaire is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Wall fitting



Pre-wired with approx  
250mm of cable



Remote device required.



Protection against  
impact.  
IK 05 - 0,70 joule



## Epsilon - 10°

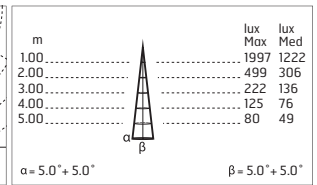
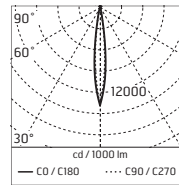
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



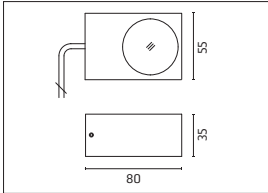
**508005**  
White 2700K  
lm LED 169 ≠ lm OUTPUT 118

**508003**  
White 3000K  
lm LED 182 ≠ lm OUTPUT 127

**508002**  
White 4000K  
lm LED 198 ≠ lm OUTPUT 138



@ 4000K



IP65

## Epsilon - 30°

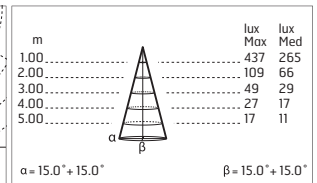
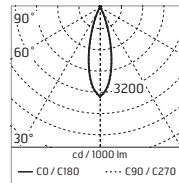
Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



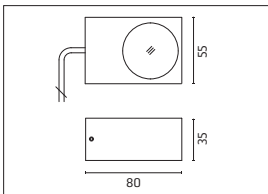
**508015**  
White 2700K  
lm LED 169 ≠ lm OUTPUT 106

**508013**  
White 3000K  
lm LED 182 ≠ lm OUTPUT 114

**508012**  
White 4000K  
lm LED 198 ≠ lm OUTPUT 125



@ 4000K



IP65

## Epsilon - 10°

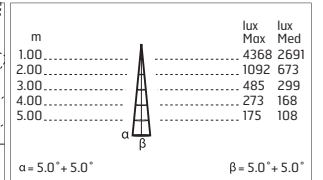
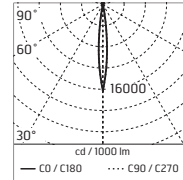
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



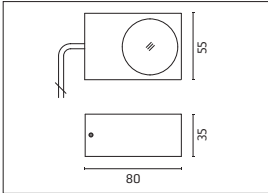
**508025**  
White 2700K  
lm LED 307 ≈ lm OUTPUT 219

**508023**  
White 3000K  
lm LED 330 ≈ lm OUTPUT 236

**508022**  
White 4000K  
lm LED 360 ≈ lm OUTPUT 258



@ 4000K



IP65

## Epsilon - 30°

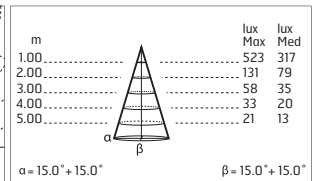
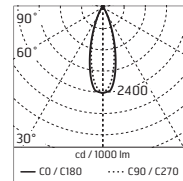
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



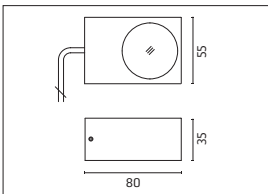
**508035**  
White 2700K  
lm LED 307 ≈ lm OUTPUT 176

**508033**  
White 3000K  
lm LED 330 ≈ lm OUTPUT 189

**508032**  
White 4000K  
lm LED 360 ≈ lm OUTPUT 207



@ 4000K



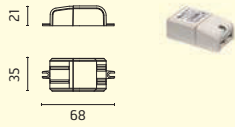
IP65



## Accessories: Epsilon

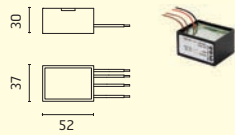
### 150

POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP20 CLASS II SELV EQ.



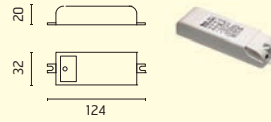
### 106

POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



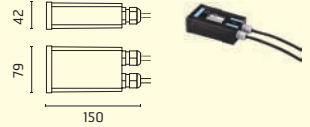
### 87

POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



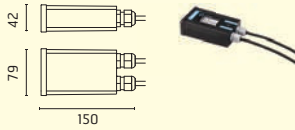
### 175

POWER SUPPLY 10W/110÷240V -  
24Vdc IP67 CLASS II SELV.



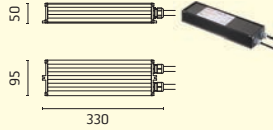
### 147

POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



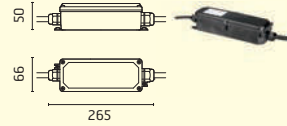
### 155

POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.



### 110

POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.



acc. code ▶	150	106	87	175	147	155	110
prod. code ▼							
508002	1	1	2	2	3	9	17
508003	1	1	2	2	3	9	17
508005	1	1	2	2	3	9	17
508012	1	1	2	2	3	9	17
508013	1	1	2	2	3	9	17
508015	1	1	2	2	3	9	17
508022	1	1	2	2		7	14
508023	1	1	2	2		7	14
508025	1	1	2	2		7	14
508032	1	1	2	2		7	14
508033	1	1	2	2		7	14
508035	1	1	2	2		7	14

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.





- Luminaire for installation on wall – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Glass diffuser: extra clear with silkscreen border, fixed to the body by a double-sided tape.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is equipped with a dc/dc resin-coated converter that removes electromagnetic interference. The luminaire is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Wall fitting

Pre-wired with approx  
250mm of cable.

Remote device required.

Protection against  
impact.  
IK 05 - 0,70 joule

### Delta - Unidirectional - 10°

Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered

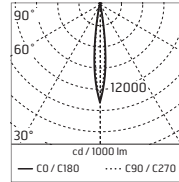


**507005**  
White 2700K  
lm LED 169 ≠ lm OUTPUT 118



**507003**  
White 3000K  
lm LED 182 ≠ lm OUTPUT 127

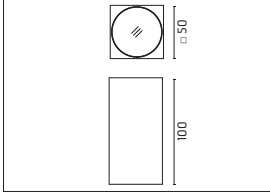
**507002**  
White 4000K  
lm LED 198 ≠ lm OUTPUT 138



m	lux	
	Max	Med
1.00	1997	1222
2.00	499	306
3.00	222	136
4.00	125	76
5.00	80	49

$\alpha = 5.0^\circ + 5.0^\circ$        $\beta = 5.0^\circ + 5.0^\circ$

@ 4000K



IP65

### Delta - Unidirectional - 30°

Light Source: Power LED / 2,2W / Total power 3,4W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered

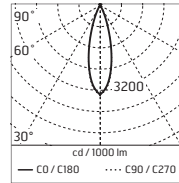


**507015**  
White 2700K  
lm LED 169 ≠ lm OUTPUT 106



**507013**  
White 3000K  
lm LED 182 ≠ lm OUTPUT 114

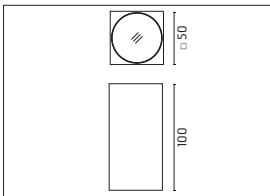
**507012**  
White 4000K  
lm LED 198 ≠ lm OUTPUT 125



m	lux	
	Max	Med
1.00	437	265
2.00	109	66
3.00	49	29
4.00	27	17
5.00	17	11

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$

@ 4000K



IP65

### Delta - Unidirectional - 10°

Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered

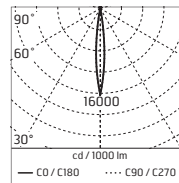


**507025**  
White 2700K  
lm LED 307 ≠ lm OUTPUT 219



**507023**  
White 3000K  
lm LED 330 ≠ lm OUTPUT 236

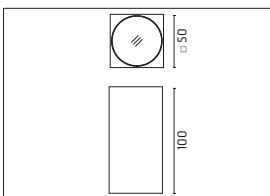
**507022**  
White 4000K  
lm LED 360 ≠ lm OUTPUT 258



m	lux	
	Max	Med
1.00	4368	2691
2.00	1092	673
3.00	485	299
4.00	273	168
5.00	175	108

$\alpha = 5.0^\circ + 5.0^\circ$        $\beta = 5.0^\circ + 5.0^\circ$

@ 4000K



IP65

### Delta - Unidirectional - 30°

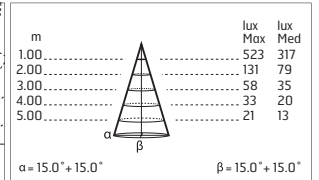
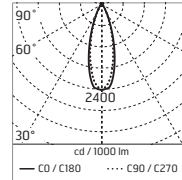
Light Source: Power LED / 3,3W / Total power 4,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



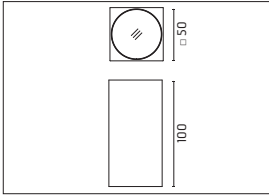
**507035**  
White 2700K  
lm LED 307 ≈ lm OUTPUT 176

**507033**  
White 3000K  
lm LED 330 ≈ lm OUTPUT 189

**507032**  
White 4000K  
lm LED 360 ≈ lm OUTPUT 207



@ 4000K



IP65

### Delta - Bidirectional - 10°

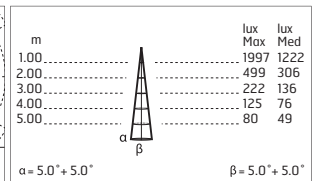
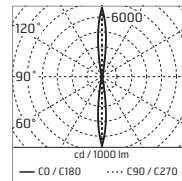
Light Source: Power LED / 4,4W / Total power 6,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



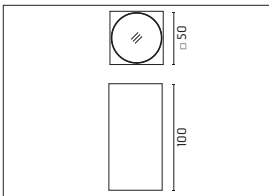
**507105**  
White 2700K  
lm LED 2x169 ≈ lm OUTPUT 2x118

**507103**  
White 3000K  
lm LED 2x182 ≈ lm OUTPUT 2x127

**507102**  
White 4000K  
lm LED 2x198 ≈ lm OUTPUT 2x138



@ 4000K



IP65

### Delta - Bidirectional - 30°

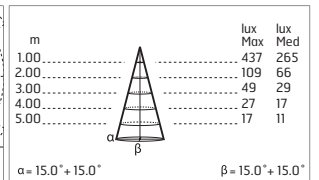
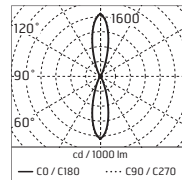
Light Source: Power LED / 4,4W / Total power 6,8W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



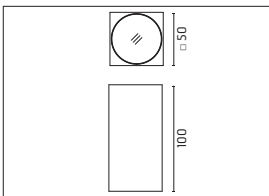
**507115**  
White 2700K  
lm LED 2x169 ≈ lm OUTPUT 2x106

**507113**  
White 3000K  
lm LED 2x182 ≈ lm OUTPUT 2x114

**507112**  
White 4000K  
lm LED 2x198 ≈ lm OUTPUT 2x125



@ 4000K



IP65



### Delta - Bidirectional - 10°

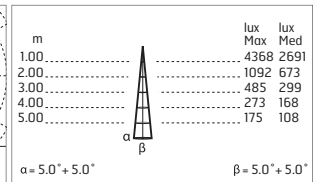
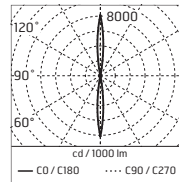
Light Source: Power LED / 6,6W / Total power 9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



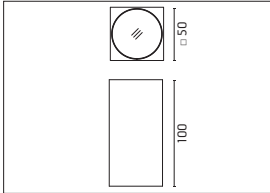
**507125**  
White 2700K  
lm LED 2x307 = lm OUTPUT 2x219

**507123**  
White 3000K  
lm LED 2x330 = lm OUTPUT 2x236

**507122**  
White 4000K  
lm LED 2x360 = lm OUTPUT 2x258



@ 4000K



IP65

### Delta - Bidirectional - 30°

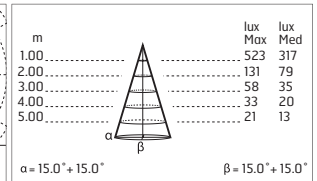
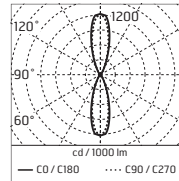
Light Source: Power LED / 6,6W / Total power 9W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



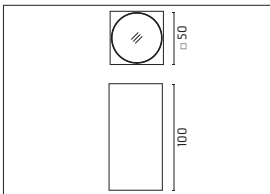
**507135**  
White 2700K  
lm LED 2x307 = lm OUTPUT 2x176

**507133**  
White 3000K  
lm LED 2x330 = lm OUTPUT 2x189

**507132**  
White 4000K  
lm LED 2x360 = lm OUTPUT 2x207



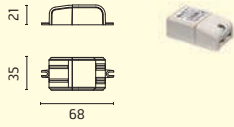
@ 4000K



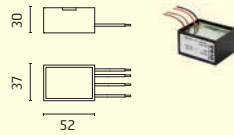
IP65

**Accessories: Delta**

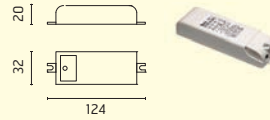
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP20 CLASS II SELV EQ.



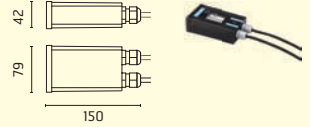
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



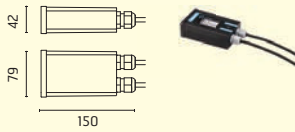
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



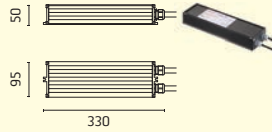
**175**  
POWER SUPPLY 10W/110÷240V - 24Vdc  
IP67 CLASS II SELV.



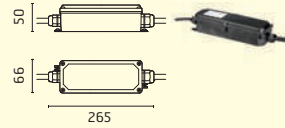
**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.



**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.



acc. code ▶	150	106	87	175	147	155	110
prod. code ▼							
507002	1	1	2	2	3	9	17
507003	1	1	2	2	3	9	17
507005	1	1	2	2	3	9	17
507012	1	1	2	2	3	9	17
507013	1	1	2	2	3	9	17
507015	1	1	2	2	3	9	17
507022	1	1	2	2		7	14
507023	1	1	2	2		7	14
507025	1	1	2	2		7	14
507032	1	1	2	2		7	14
507033	1	1	2	2		7	14
507035	1	1	2	2		7	14
507102			1	1	2	5	8
507103			1	1	2	5	8
507105			1	1	2	5	8
507112			1	1	2	5	8
507113			1	1	2	5	8
507115			1	1	2	5	8
507122			1	1		3	7
507123			1	1		3	7
507125			1	1		3	7
507132			1	1		3	7
507133			1	1		3	7
507135			1	1		3	7

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.



- Round luminaire for installation on wall or ceiling – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Methacrylate diffuser fixed to the body a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Ceiling fitting



Wall fitting

Pre-wired with approx  
250mm of cable.

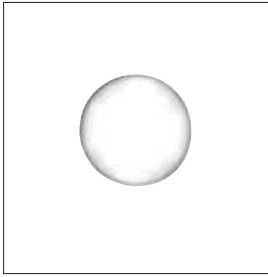
Remote device required.

Protection against  
impact.  
IK 06 - 1,00 joule



## Alfa - Methacrylate Diffuser

Light Source: Low Power LED / 2W / Total power 2,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



### 505005

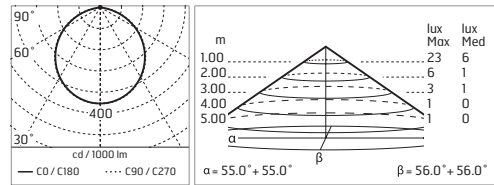
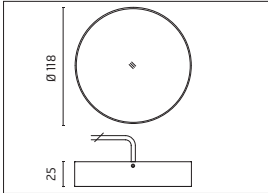
White 2700K  
lm LED 123  $\approx$  lm OUTPUT 44  
..||| Acc. 144, 176 or 252

### 505003

White 3000K  
lm LED 132  $\approx$  lm OUTPUT 47  
..||| Acc. 144, 176 or 252

### 505002

White 4000K  
lm LED 188  $\approx$  lm OUTPUT 65  
..||| Acc. 144, 176 or 252

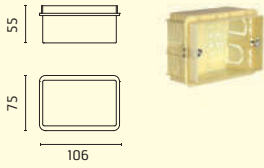


@ 4000K

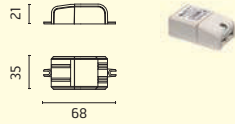
IP65

**Accessories: Alfa**

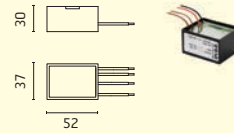
**105**  
3 MODULES RECESSED BOX  
106 x 75 H 55mm



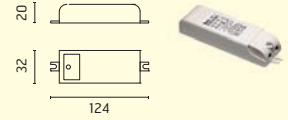
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP20 CLASS II SELV EQ.



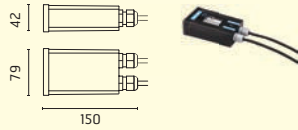
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



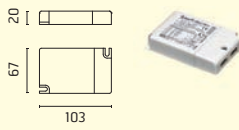
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



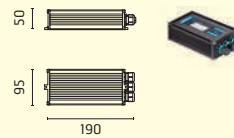
**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP67 CLASS II SELV.



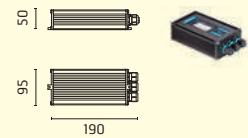
**144**  
POWER SUPPLY 17W/110÷240V  
- 24Vdc (15W@110V) IP20 CLASS  
II SELV.



**176**  
POWER SUPPLY 17W/110÷240V  
- 24Vdc (15W@110V) IP67 CLASS  
II SELV.



**252**  
POWER SUPPLY 20W/110-240Vdc  
(15W@110V) IP67 CLASS II SELV.

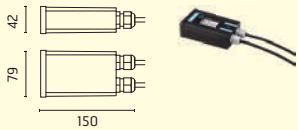


... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

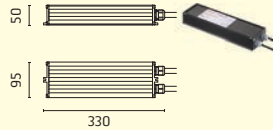
... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

... DIMMABLE: DALI  
See Page 558 Wiring Diagram n.4

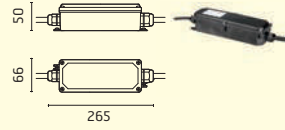
**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



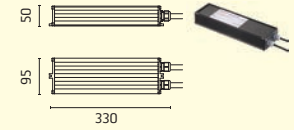
**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.



**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.

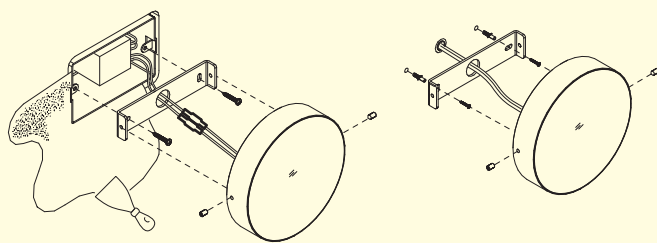


**156**  
POWER SUPPLY 96W /120÷277V -  
24Vdc IP67 CLASS II SELV.



Alfa with box cod.105

Alfa without box cod.105



Optional: power supply code 106 in  
recessed box

acc. code ▶	105	150	106	87	175	144	176	252	147	155	110	156
prod. code ▼												
505002	●	2	2	3	3	6	6	6	7	20	25	36
505003	●	2	2	3	3	6	6	6	7	20	25	36
505005	●	2	2	3	3	6	6	6	7	20	25	36

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.



- Square luminaire for installation on wall or ceiling – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Methacrylate diffuser fixed to the body a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



Ceiling fitting



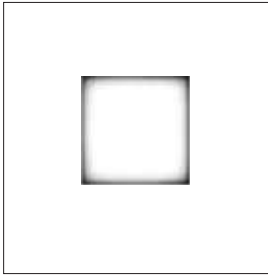
Wall fitting

Pre-wired with approx  
250mm of cable.Remote device  
required.Protection against  
impact.  
IK 06 - 1,00 joule



## Beta - Methacrylate Diffuser

Light Source: Low Power LED / 2,5W / Total power 3W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



### 506005

White 2700K  
lm LED 147  $\approx$  lm OUTPUT 50

Acc. 144, 176 or 252

### 506003

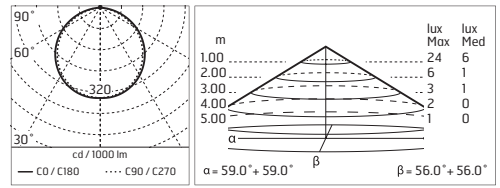
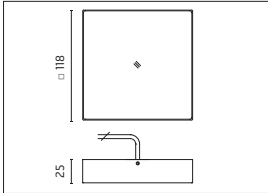
White 3000K  
lm LED 158  $\approx$  lm OUTPUT 54

Acc. 144, 176 or 252

### 506002

White 4000K  
lm LED 225  $\approx$  lm OUTPUT 74

Acc. 144, 176 or 252

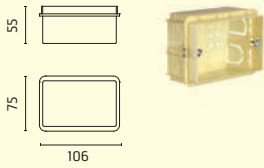


@ 4000K

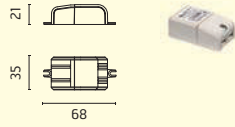
IP65

**Accessories: Beta**

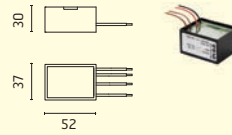
**105**  
3 MODULES RECESSED BOX  
106 x 75 H 55mm



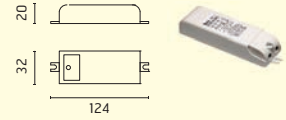
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP20 CLASS II SELV EQ.



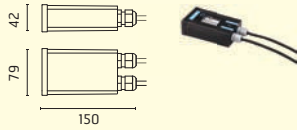
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



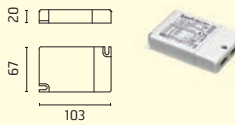
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



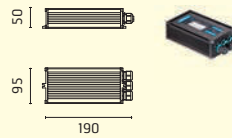
**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP67 CLASS II SELV.



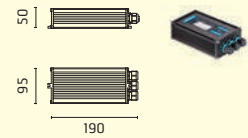
**144**  
POWER SUPPLY 17W/110÷240V  
- 24Vdc (15W@110V) IP20 CLASS  
II SELV.



**176**  
POWER SUPPLY 17W/110÷240V  
- 24Vdc (15W@110V) IP67 CLASS  
II SELV.



**252**  
POWER SUPPLY 20W/110-240Vdc  
(15W@110V) IP67 CLASS II SELV.

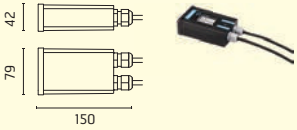


... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

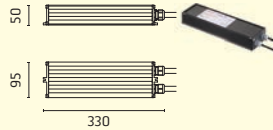
... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

... DIMMABLE: DALI  
See Page 558 Wiring Diagram n.4

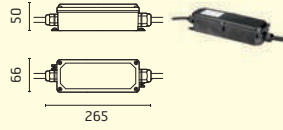
**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



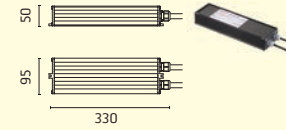
**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.



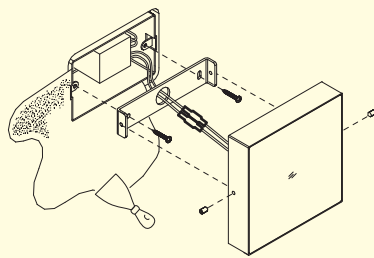
**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.



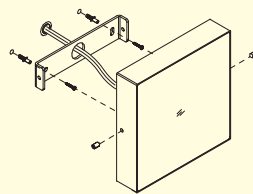
**156**  
POWER SUPPLY 96W /120÷277V -  
24Vdc IP67 CLASS II SELV EQ.



Beta with box cod.105



Beta without box cod.105



Optional: power supply code 106 in  
recessed box

acc. code ▶	105	150	106	87	175	144	176	252	147	155	110	156
prod. code ▼												
506002	●	2	2	3	3	5	5	5	6	15	20	28
506003	●	2	2	3	3	5	5	5	6	15	20	28
506005	●	2	2	3	3	5	5	5	6	15	20	28

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.



- Square luminaire for installation on wall – surface mounted.
- Configuration: turned aluminium body (EN AW6060 alloy) and AISI 316L stainless steel fixing bracket. Methacrylate diffuser fixed to the body by a double-sided tape.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: III
- Installation: the luminaire is supplied with a piece of cable (approx. 250mm) for an easy-to-make connection and it is protected against polarity reversal and sudden voltage peak. Parallel wiring required.
- We recommend the use of a connection system with a protection degree greater than or equal to the protection degree of the luminaire.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Wall fitting



Recessed wall fitting.



Remote device required.



Pre-wired with approx 250mm of cable



Protection against impact.  
IK 03 - 0,35 joule



## Gamma - Unidirectional

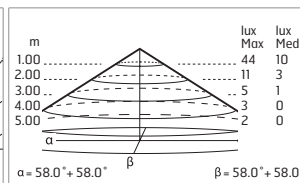
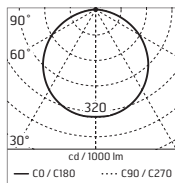
Light Source: Mid Power LED / 1,8W / Total power 2,5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**512005.A**  
White 2700K  
lm LED 246 ≠ lm OUTPUT 125  
Acc. 144, 176 or 252

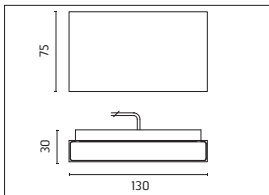


**512003.A**  
White 3000K  
lm LED 265 ≠ lm OUTPUT 134  
Acc. 144, 176 or 252



@ 4000K

**512002.A**  
White 4000K  
lm LED 278 ≠ lm OUTPUT 142  
Acc. 144, 176 or 252



IP65

## Gamma - Bidirectional

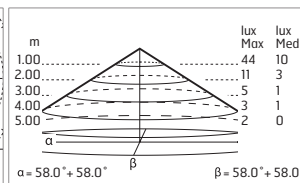
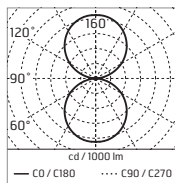
Light Source: Mid Power LED / 3,6W / Total power 5W / CRI>80 / 24Vdc / Remote electronic power supply to be ordered



**512015.A**  
White 2700K  
lm LED 2x246 ≠ lm OUTPUT 2x125  
Acc. 144, 176 or 252

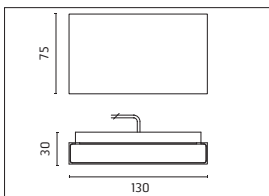


**512013.A**  
White 3000K  
lm LED 2x265 ≠ lm OUTPUT 2x134  
Acc. 144, 176 or 252



@ 4000K

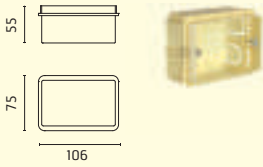
**512012.A**  
White 4000K  
lm LED 2x278 ≠ lm OUTPUT 2x142  
Acc. 144, 176 or 252



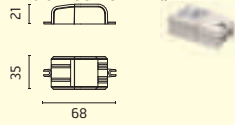
IP65

**Accessories: Gamma**

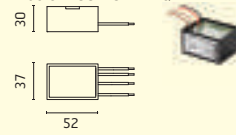
**105**  
3 MODULES RECESSED BOX  
106 x 75 H 55mm



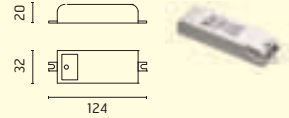
**150**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP20 CLASS II SELV EQ.



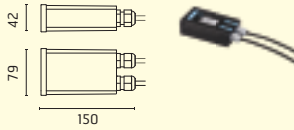
**106**  
POWER SUPPLY DUAL FUNCTION  
Vout 24Vdc: 8W/100÷240V  
Iout 350mA: 6x1W/100÷240V  
IP65 CLASS II SELV EQ.



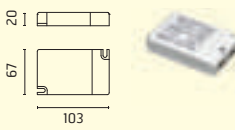
**87**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP20 CLASS II SELV.



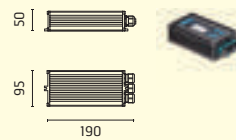
**175**  
POWER SUPPLY 10W/110÷240V -  
24Vdc IP67 CLASS II SELV.



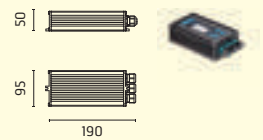
**144**  
POWER SUPPLY 17W/110÷240V -  
24Vdc (15W@110V) IP20 CLASS II  
SELV.



**176**  
POWER SUPPLY 17W/110÷240V  
- 24Vdc (15W@110V) IP67 CLASS  
II SELV.



**252**  
POWER SUPPLY 20W/110-240Vdc  
(15W@110V) IP67 CLASS II SELV.

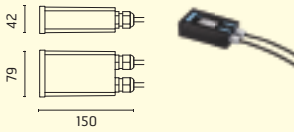


... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

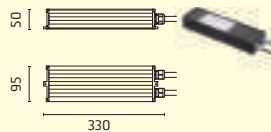
... DIMMABLE: PUSH-DIM OR 1...10V  
See Page 558 Wiring Diagram n.4

... DIMMABLE: DALI  
See Page 558 Wiring Diagram n.4

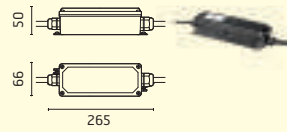
**147**  
POWER SUPPLY 20W/220÷240V -  
24Vdc IP67 CLASS II SELV.



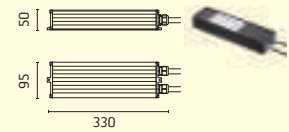
**155**  
POWER SUPPLY 50W/120÷240V -  
24Vdc IP67 CLASS II SELV.



**110**  
POWER SUPPLY 70W/220÷240V -  
24Vdc IP67 CLASS II SELV EQ.

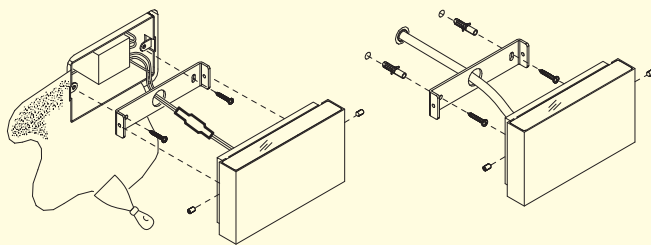


**156**  
POWER SUPPLY 96W /120÷277V -  
24Vdc IP67 CLASS II SELV.



Gamma with box cod.105

Gamma without box cod.105



Optional: power supply code 106 in  
recessed box

acc. code ▶	105	150	106	87	175	144	176	252	147	155	110	156
prod. code ▼												
512002.A	•	3	3	4	4	6	6	6	8	20	25	35
512003.A	•	3	3	4	4	6	6	6	8	20	25	35
512005.A	•	3	3	4	4	6	6	6	8	20	25	35
512012.A	•	1	1	2	2	3	3	3	4	10	13	17
512013.A	•	1	1	2	2	3	3	3	4	10	13	17
512015.A	•	1	1	2	2	3	3	3	4	10	13	17

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.



- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content) and AISI 304 stainless steel fixing plate. Glass diffuser: transparent with silkscreen border, fixed to the aluminium structure through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: II
- Installation: wiring through two rubber cable glands (5mm<math>\times</math>9mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied  
with integrated LED modules  
that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Wall fitting



The fitting is  
equipped with  
2 cable input

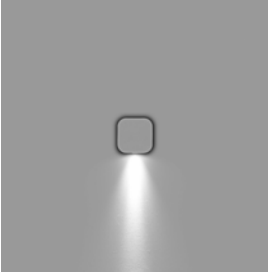


Protection against  
impact.  
IK 02 - 0,20 joule



## Marco - Unidirectional - 10°

Light Source: Power LED / 1,1W / Total power 3W / CRI>80 / 100÷240V / Integral electronic power supply

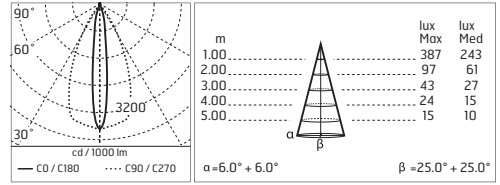


**10727643**  
White 2700K  
lm LED 112 ≠ lm OUTPUT 89

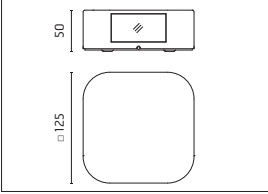


**10711643**  
White 3000K  
lm LED 120 ≠ lm OUTPUT 96

**10723043**  
White 4000K  
lm LED 130 ≠ lm OUTPUT 104



@ 4000K



IP65

## Marco - Unidirectional - 75°

Light Source: Power LED / 1,1W / Total power 3W / CRI>80 / 100÷240V / Integral electronic power supply

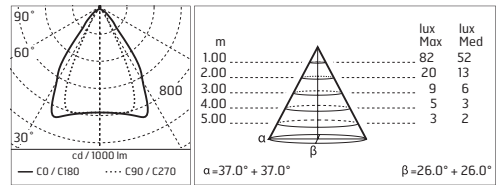


**10727650**  
White 2700K  
lm LED 112 ≠ lm OUTPUT 90

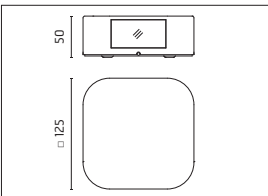


**10711650**  
White 3000K  
lm LED 120 ≠ lm OUTPUT 97

**10723050**  
White 4000K  
lm LED 130 ≠ lm OUTPUT 105



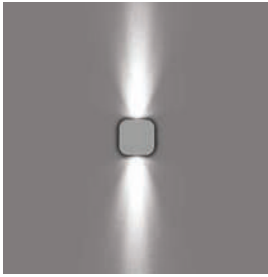
@ 4000K



IP65

### Marco - Bidirectional - 10°

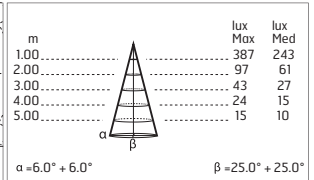
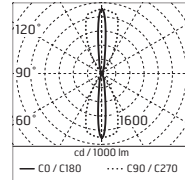
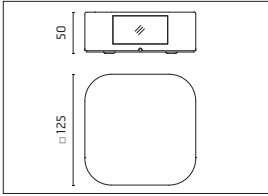
Light Source: Power LED / 2,2W / Total power 4W / CRI>80 / 100÷240V / Integral electronic power supply



**10727944**  
White 2700K  
lm LED 2x112 ≠ lm OUTPUT 2x89

**10711944**  
White 3000K  
lm LED 2x120 ≠ lm OUTPUT 2x96

**10723144**  
White 4000K  
lm LED 2x130 ≠ lm OUTPUT 2x104

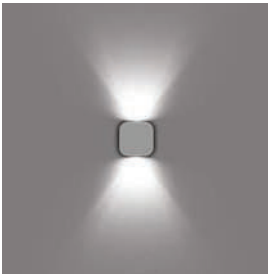


@ 4000K

IP65

### Marco - Bidirectional - 75°

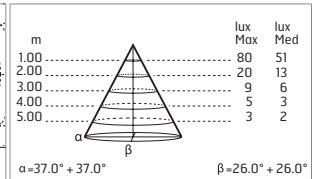
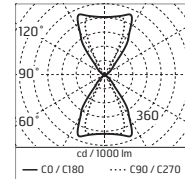
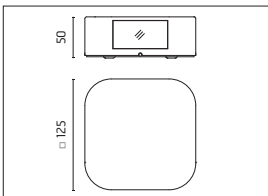
Light Source: Power LED / 2,2W / Total power 4W / CRI>80 / 100÷240V / Integral electronic power supply



**10727951**  
White 2700K  
lm LED 2x112 ≠ lm OUTPUT 2x90

**10711951**  
White 3000K  
lm LED 2x120 ≠ lm OUTPUT 2x97

**10723151**  
White 4000K  
lm LED 2x130 ≠ lm OUTPUT 2x105

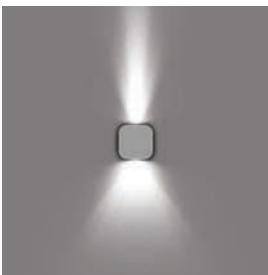


@ 4000K

IP65

### Marco - Bidirectional - Combined: 10° + 75°

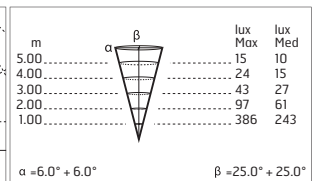
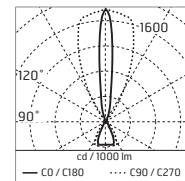
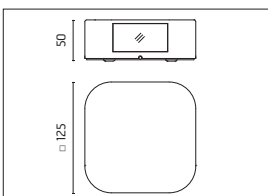
Light Source: Power LED / 2,2W / Total power 4W / CRI>80 / 100÷240V / Integral electronic power supply



**10727253**  
White 2700K  
lm LED 2x112 ≠ lm OUTPUT 2x89+90

**10712253**  
White 3000K  
lm LED 2x120 ≠ lm OUTPUT 96+97

**10723153**  
White 4000K  
lm LED 2x130 ≠ lm OUTPUT 104+105

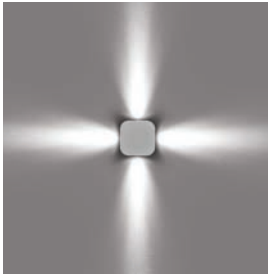


@ 4000K

IP65

### Marco - Omnidirectional - 10°

Light Source: Power LED / 4,4W / Total power 7W / CRI>80 / 100÷240V / Integral electronic power supply



#### 10727247

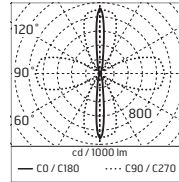
White 2700K  
lm LED 4x112 ≈ lm OUTPUT 4x89

#### 1079245

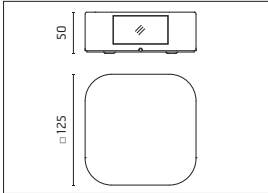
White 3000K  
lm LED 4x120 ≈ lm OUTPUT 4x96

#### 10723245

White 4000K  
lm LED 4x130 ≈ lm OUTPUT 4x104



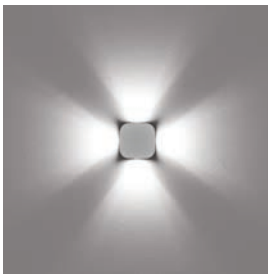
@ 4000K



IP65

### Marco - Omnidirectional - 75°

Light Source: Power LED / 4,4W / Total power 7W / CRI>80 / 100÷240V / Integral electronic power supply



#### 10727249

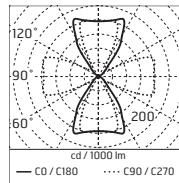
White 2700K  
lm LED 4x112 ≈ lm OUTPUT 4x90

#### 1079252

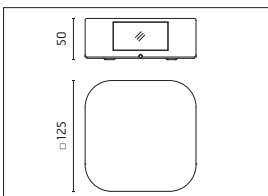
White 3000K  
lm LED 4x120 ≈ lm OUTPUT 4x97

#### 10723252

White 4000K  
lm LED 4x130 ≈ lm OUTPUT 4x105



@ 4000K



IP65



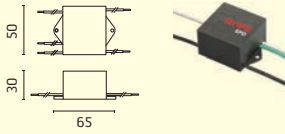




## Accessories: Marco

### 237

SPD: (SURGE PROTECTION DEVICE)  
 275Vac  
 MAXIMUM DISCHARGE CURRENT  
 10KA (8/20µs)  
 MAXIMUM OPERATING CURRENT 5A  
 SUITABLE FOR SERIES CONNEC-  
 TION - IP66



acc. code ▶	237
prod. code ▼	
1079245	•
1079252	•
10711643	•
10711650	•
10711944	•
10711951	•
10712253	•
10723043	•
10723050	•
10723144	•
10723151	•
10723153	•
10723245	•
10723252	•
10727247	•
10727249	•
10727253	•
10727643	•
10727650	•
10727944	•
10727951	•










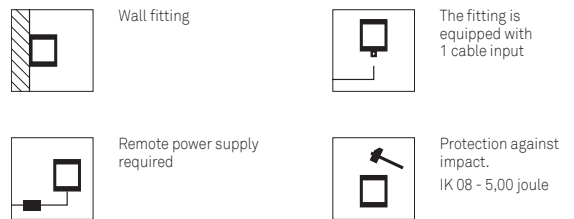


# JACKIE

- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: transparent.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP54
- In compliance with EN 60598-1 standards
- Class of insulation: mains: I; low voltage: III
- Installation: wiring through a rubber cable holder (5mm<math>\times</math>10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

    	<p><b>LED VERSION:</b> Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced</p> <p><b>HALOGEN VERSION:</b> Class B QR.CBC51/GU5,3</p> <p><b>HALOGEN VERSION:</b> Class D QPARCBC51/GZ10</p>
---	--





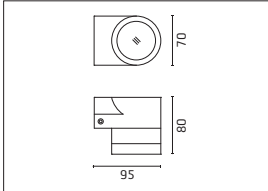
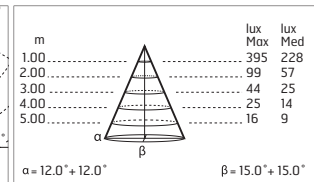
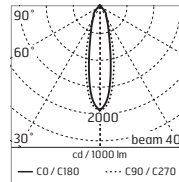
## Jackie - Transparent Glass



### 842800

PAR 16 35W/230V GZ10  
Lamp max size: Ø50 mm H.55 mm

Optional LED bulb  
DR PAR 7,5W/230V GZ10  
Lamp max size: Ø50 mm H.55 mm



IP54

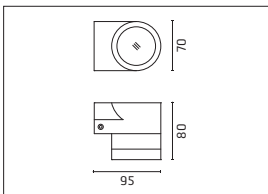
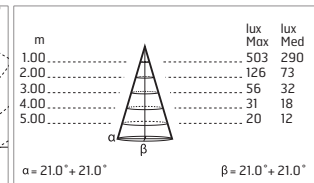
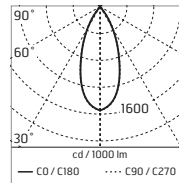
## Jackie - Transparent Glass - 40° - Direct 230V

Light Source: CoB LED / 5W / Total power 6W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains



### 8412801

White 3000K  
lm LED 688  $\approx$  lm OUTPUT 327

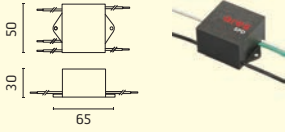


IP54

## Accessories: Jackie

237

SPD: (SURGE PROTECTION DEVICE)  
275Vac  
MAXIMUM DISCHARGE CURRENT  
10KA (8/20µs)  
MAXIMUM OPERATING CURRENT 5A  
SUITABLE FOR SERIES CONNEC-  
TION - IP66













acc. code ▶	237
prod. code ▼	
842800	
8412801	●



- Luminaire for installation on wall – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: sandblasted.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through M16 plastic cable gland (4,5mm<math>\times</math>10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes

	<b>LED VERSION:</b> Class A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	<b>METAL HALIDE VERSION:</b> Class A+ HIT-DE/RX7s
	
	<b>FLUORESCENT VERSION:</b> Class A TC-DEL/G24q-2
	
	<b>FLUORESCENT VERSION:</b> Class A/B TC-D/G24d-3
	
	<b>HALOGEN VERSION:</b> Class D QT32/E27



Wall fitting



The fitting is equipped with 1 cable input



Protection against impact.  
IK 07 - 2,00 joule



## Memi - Sandblasted Glass



**490100**  
QT 32 100W E27  
Lamp max size: Ø40 mm H.150 mm

**496000**  
TC-DEL 2x18W G24 q-2

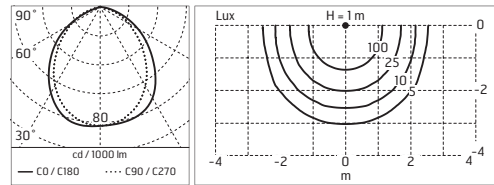
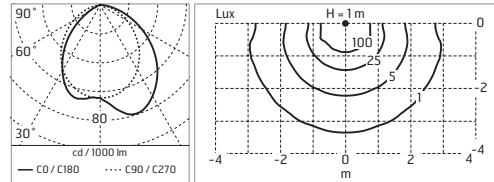
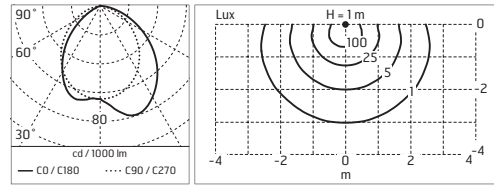
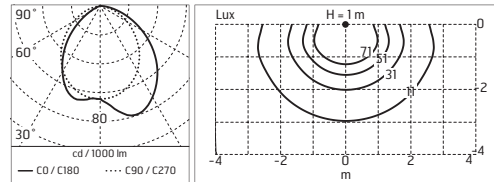
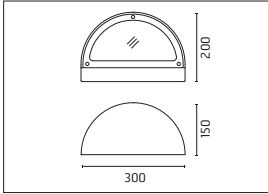
Electronic ballast

**491600**  
TC-D 2x26W G24 d-3

Electronic ballast

**492900**  
HIT-DE 70W Rx7s

Electronic ballast



IP65

## Memi - Sandblasted Glass

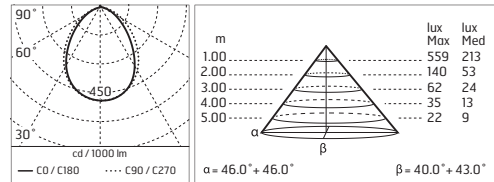
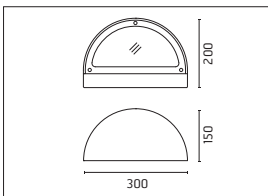
Light Source: Mid-Power LED / 15W / Total power 18W / CRI>80 / 220÷240V / Integral electronic power supply



**4927900**  
White 2700K  
lm LED 2146 ≈ lm OUTPUT 1018

**4927800**  
White 3000K  
lm LED 2307 ≈ lm OUTPUT 1095

**4927700**  
White 4000K  
lm LED 2422 ≈ lm OUTPUT 1150



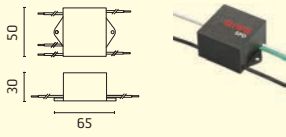
@ 4000K

IP65

**Accessories: Memi**

**237**

SPD: (SURGE PROTECTION DEVICE)  
 275Vac  
 MAXIMUM DISCHARGE CURRENT  
 10KA (8/20µs)  
 MAXIMUM OPERATING CURRENT 5A  
 SUITABLE FOR SERIES CONNEC-  
 TION - IP66





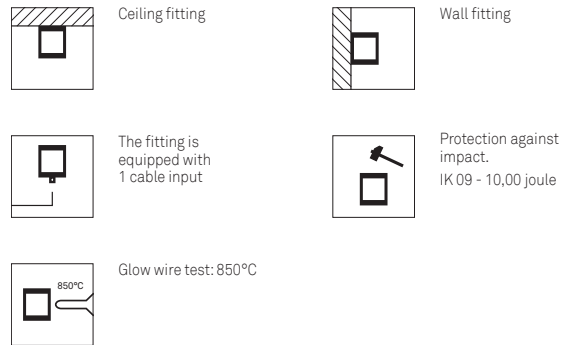
acc. code ▶	237
prod. code ▼	
490100	
491600	
492900	
496000	
4927700	•
4927800	•
4927900	•



- Luminaire for installation on wall or on ceiling – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Polycarbonate diffuser: opal, self-extinguishing.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: Mini Pat: wiring through one rubber cable gland (5mm<math>\varnothing</math><math><9\text{mm}</math> cables); Pat - Maxi Pat: wiring through a rubber cable holder (5mm<math>\varnothing</math><math><10\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland / cable holder.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

- A**  **FLUORESCENT VERSION:**  
 Class A  
 TC-DEL/G24q-1  
 TC-DEL/G24q-2  
 TC-DEL/G24q-3  
 TC-SEL/2G7
- D**  **HALOGEN VERSION:**  
 Class D  
 QT32/E27  
 D45/E14



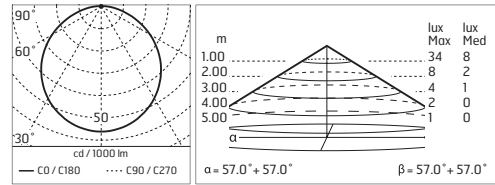
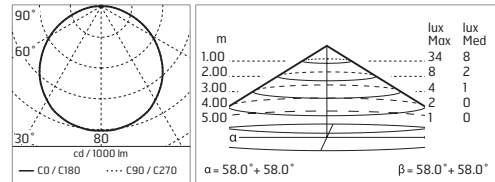
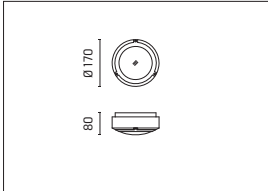


## MiniPat



**421100**  
D45 40W E14  
Lamp max size: Ø40 mm H.95 mm

**425700**  
TC-SEL 2x9W 2G7  
Electronic ballast



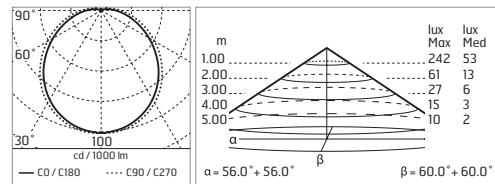
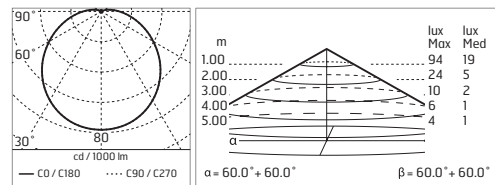
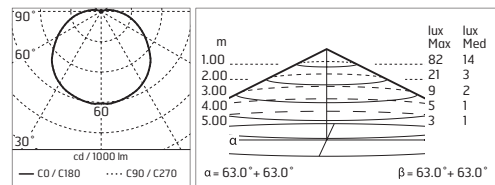
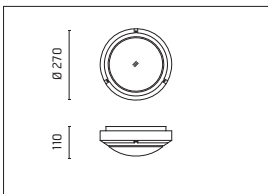
IP65

## Pat - All-light



**430123**  
QT 32 100W E27  
Lamp max size: Ø40 mm H.125 mm

**434123**  
TC-SEL 2x9W 2G7  
Electronic ballast



IP65

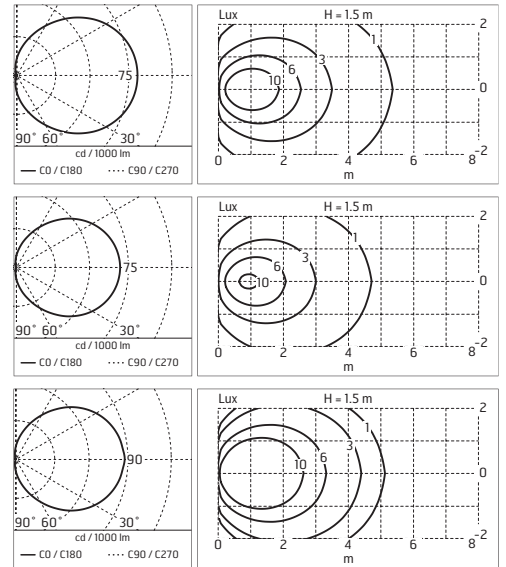
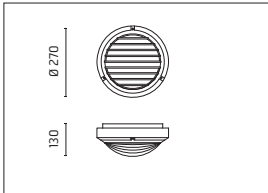
**Pat - Louvre**



**430105**  
 QT 32 100W E27  
 Lamp max size: Ø40 mm H.125 mm

**434105**  
 TC-SEL 2x9W 2G7  
 Electronic ballast

**436005**  
 TC-DEL 2x18W G24q-2  
 Electronic ballast



**IP65**

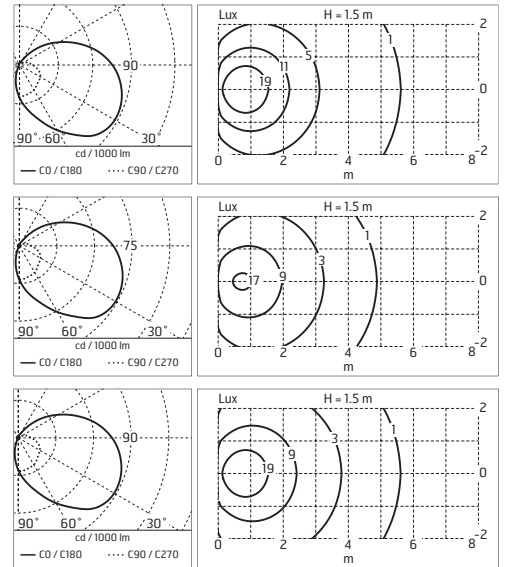
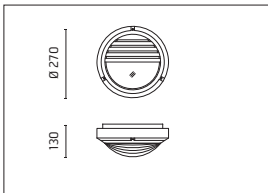
**Pat - Half Louvre**



**430110**  
 QT 32 100W E27  
 Lamp max size: Ø40 mm H.125 mm

**434110**  
 TC-SEL 2x9W 2G7  
 Electronic ballast

**436010**  
 TC-DEL 2x18W G24q-2  
 Electronic ballast



**IP65**

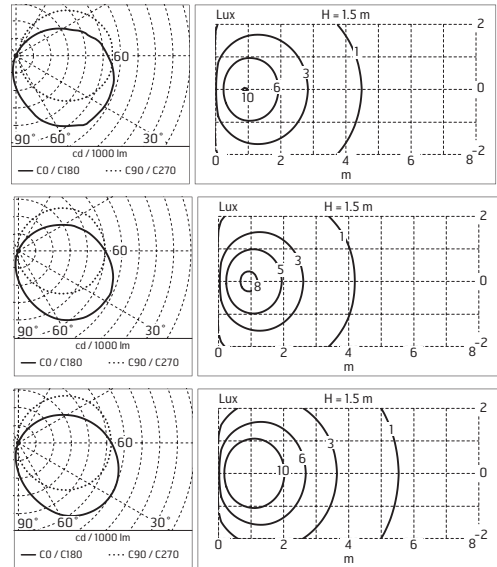
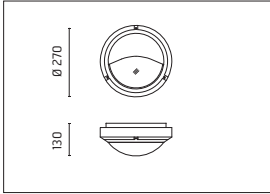
Pat - Visor



**430107**  
 QT 32 100W E27  
 Lamp max size: Ø40 mm H.125 mm

**434107**  
 TC-SEL 2x9W 2G7  
 Electronic ballast

**436007**  
 TC-DEL 2x18W G24q-2  
 Electronic ballast

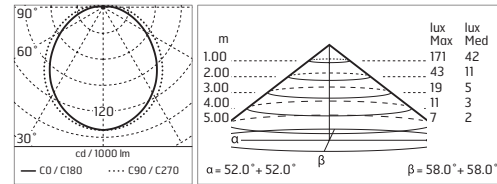
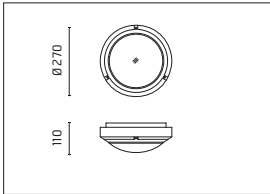


IP65

Pat - Emergency



**455923**  
 TC-DEL 18W G24q-2  
 Electronic ballast



Autonomy: 1h 30 min  
 The emergency unit and the power supply unit have a common neutral

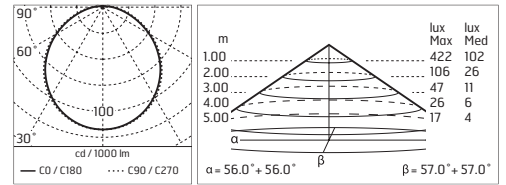
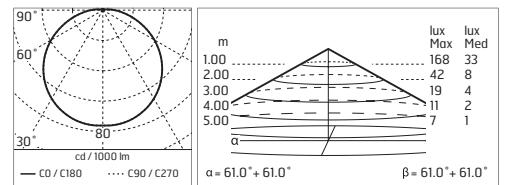
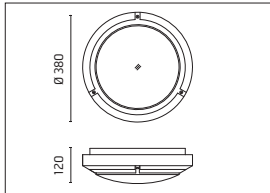
IP65

## MaxiPat



**440223**  
 QT 32 2x75W E27  
 Lamp max size: Ø40 mm H.125 mm

**446223**  
 TC-DEL 2x26W G24q-3  
 Electronic ballast

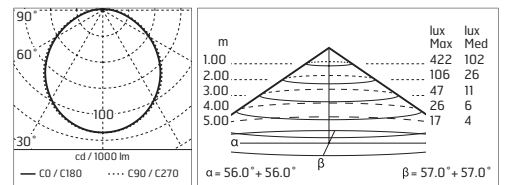
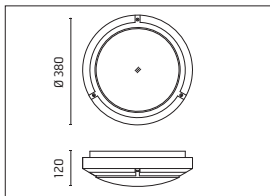


IP65

## MaxiPat - Emergency



**456223**  
 TC-DEL 2x26W G24q-3  
 Electronic ballast



Autonomy: 1h 30 min

The emergency unit and the power supply unit have a common neutral



IP65





- Luminaire for installation on wall or on ceiling – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Polycarbonate diffuser: opal, self-extinguishing.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: wiring through a rubber cable holder (5mm<math>\lt; \lt; 10\text{mm}</math> cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

EU Regulation 874/2012 - Illumination equipment energy classes

- A**  **FLUORESCENT VERSION:**  
Class A  
TC-SEL/2G7
- D**  **HALOGEN VERSION:**  
Class D  
QT32/E27



Ceiling fitting



Wall fitting



The fitting is equipped with 1 cable input



Protection against impact.  
IK 09 - 10,00 joule



Glow wire test: 850°C

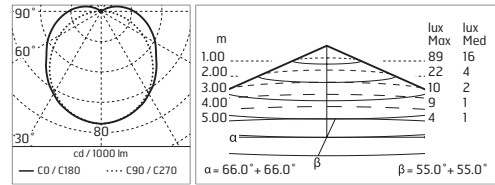
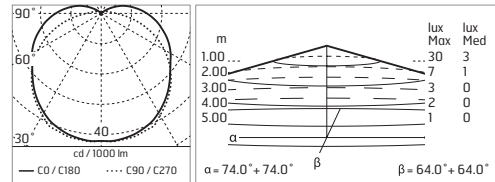
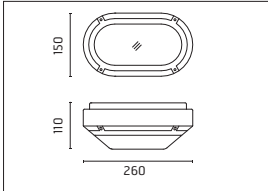


## Sam - All-light



**520123**  
 QT 32 60W E27  
 Lamp max size: Ø40 mm H.115 mm

**5214123**  
 TC-SEL 2x9W 2G7  
 Electronic ballast



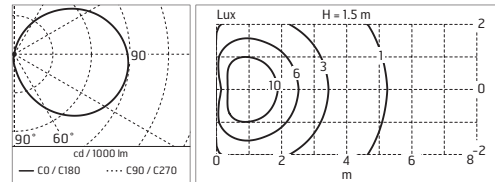
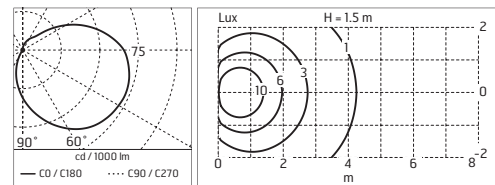
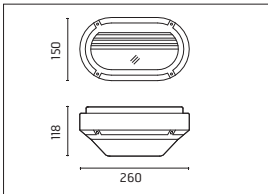
IP65

## Sam - Half Louvre



**520110**  
 QT 32 60W E27  
 Lamp max size: Ø40 mm H.115 mm

**5214110**  
 TC-SEL 2x9W 2G7  
 Electronic ballast



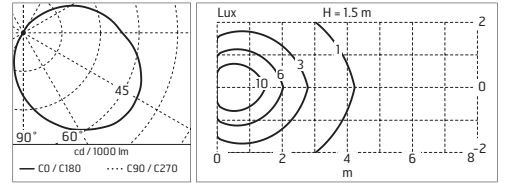
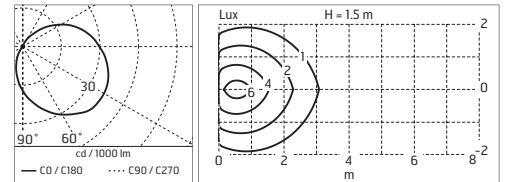
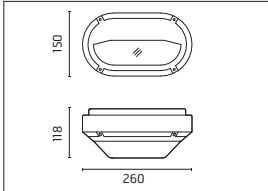
IP65

## Sam - Horizontal Visor



**520107**  
 QT 32 60W E27  
 Lamp max size: Ø40 mm H.115 mm

**5214107**  
 TC-SEL 2x9W 2G7  
 Electronic ballast



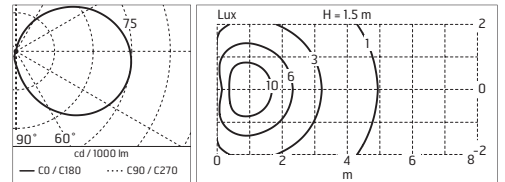
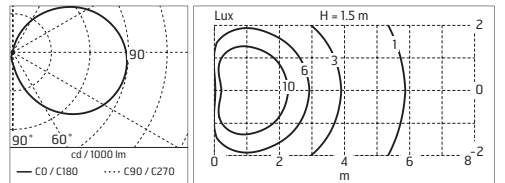
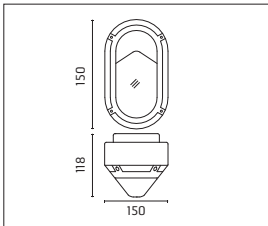
IP65

## Sam - Vertical Visor



**520137**  
 QT 32 60W E27  
 Lamp max size: Ø40 mm H.115 mm

**5214137**  
 TC-SEL 2x9W 2G7  
 Electronic ballast



IP65













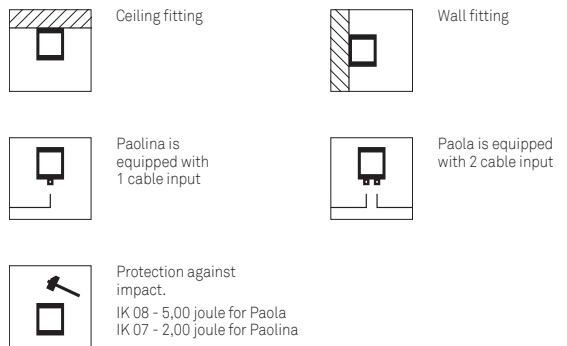


# PAOLA

- Luminaire for installation on wall or on ceiling – surface mounted.
- Configuration: die-cast aluminium structure, EN AB-47100 alloy (low copper content). Glass diffuser: transparent or sandblasted, fixed to the aluminium frame through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I
- Installation: Paolina: wiring through a PG9 nickel-plated brass cable gland (3,5mm<math>\times</math>8mm cables); Paola: wiring through two M16 plastic cable glands (4,5mm<math>\times</math>10mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable gland.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes

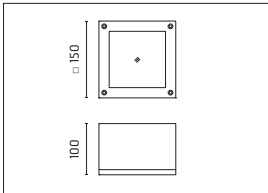
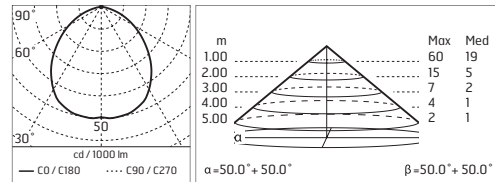
	<b>LED VERSION:</b> Class A/A+/A++ Luminaire supplied with integrated LED modules that cannot be replaced
	
	
	<b>FLUORESCENT VERSION:</b> Class A TC-TEL/GX24q-2
	
	<b>FLUORESCENT VERSION:</b> Class A TC-D/G24d-3
	
	<b>HALOGEN VERSION:</b> Class C/D QT-DE12/R7s
	
	<b>HALOGEN VERSION:</b> Class D QT32/E27 QT-DE12/R7s



## Paolina - All-light - Sandblasted Glass



**898523**  
TC-TEL 18W GX24q-2  
Electronic ballast



IP65

## Paolina - Transparent Glass - Symmetric Optic - 10°

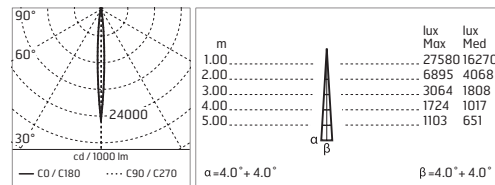
Light Source: Power LED / 9,9W / Total power 12W / CRI>80 / 220÷240V / Integral electronic power supply



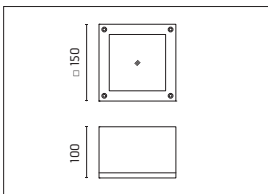
**8927012**  
White 2700K  
lm LED 896  $\approx$  lm OUTPUT 789

**8911012**  
White 3000K  
lm LED 963  $\approx$  lm OUTPUT 848

**8922812**  
White 4000K  
lm LED 1026  $\approx$  lm OUTPUT 939



@ 4000K



IP65

## Paolina - Transparent Glass - Symmetric Optic - 40°

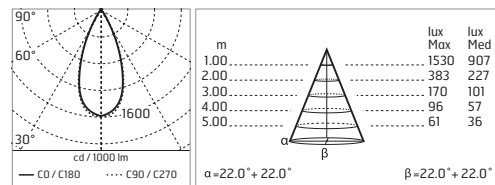
Light Source: Power LED / 9,9W / Total power 12W / CRI>80 / 220÷240V / Integral electronic power supply



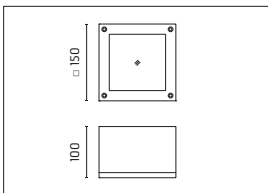
**8927023**  
White 2700K  
lm LED 896  $\approx$  lm OUTPUT 690

**8911023**  
White 3000K  
lm LED 963  $\approx$  lm OUTPUT 742

**8922823**  
White 4000K  
lm LED 1026  $\approx$  lm OUTPUT 820



@ 4000K



IP65

**Paolina - Transparent Glass - Symmetric Optic**

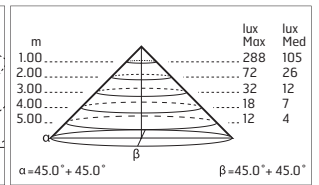
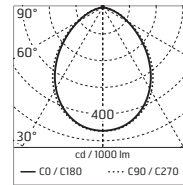
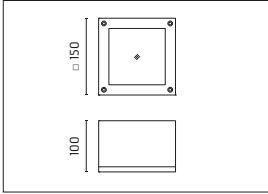
Light Source: Power LED / 9,9W / Total power 12W / CRI>80 / 220÷240V / Integral electronic power supply



**8927057**  
White 2700K  
lm LED 896 ≠ lm OUTPUT 446

**8911057**  
White 3000K  
lm LED 963 ≠ lm OUTPUT 480

**8922857**  
White 4000K  
lm LED 1026 ≠ lm OUTPUT 531



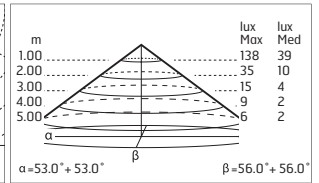
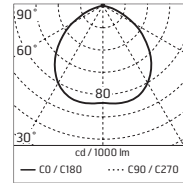
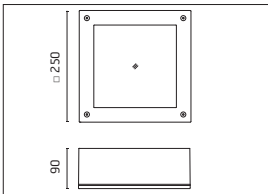
@ 4000K

IP65

**Paola - All-light - Sandblasted Glass - Symmetric Optic**



**890200**  
QT 32 2x60W E27  
Lamp max size: Ø40 mm H.125 mm



IP65

**Paola - Transparent Glass - Symmetric Optic - 10°**

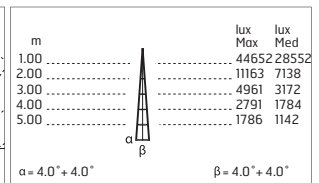
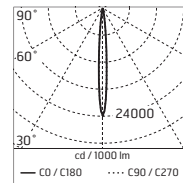
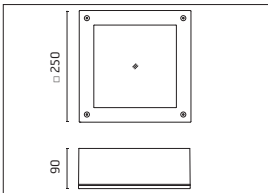
Light Source: Power LED / 17,6W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



**8927112**  
White 2700K  
lm LED 1592 ≠ lm OUTPUT 1335

**8910112**  
White 3000K  
lm LED 1712 ≠ lm OUTPUT 1435

**8922412**  
White 4000K  
lm LED 1824 ≠ lm OUTPUT 1588



@ 4000K

Dimmable on request

IP65



### Paola - Transparent Glass - Symmetric Optic - 40°

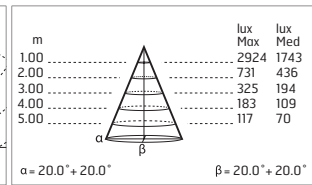
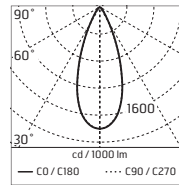
Light Source: Power LED / 17,6W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



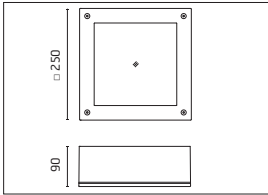
**8927123**  
White 2700K  
lm LED 1592 ≠ lm OUTPUT 1150

**8910123**  
White 3000K  
lm LED 1712 ≠ lm OUTPUT 1237

**8922423**  
White 4000K  
lm LED 1824 ≠ lm OUTPUT 1368



@ 4000K



Dimmable on request

IP65

### Paola - Sandblasted Glass - Symmetric Optic

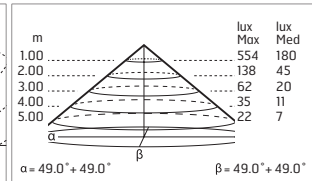
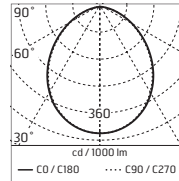
Light Source: Power LED / 17,6W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



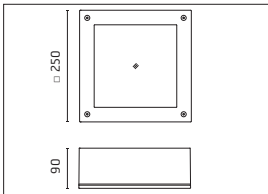
**8927157**  
White 2700K  
lm LED 1592 ≠ lm OUTPUT 929

**8910157**  
White 3000K  
lm LED 1712 ≠ lm OUTPUT 999

**8922457**  
White 4000K  
lm LED 1824 ≠ lm OUTPUT 1103



@ 4000K



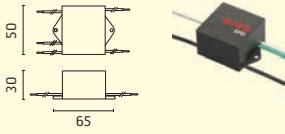
Dimmable on request

IP65

## Accessories: Paola

### 237

SPD: (SURGE PROTECTION DEVICE)  
 275Vac  
 MAXIMUM DISCHARGE CURRENT  
 10KA (8/20µs)  
 MAXIMUM OPERATING CURRENT 5A  
 SUITABLE FOR SERIES CONNEC-  
 TION - IP66



acc. code ▶	237
prod. code ▼	
890200	
898523	
8910112	•
8910123	•
8910157	•
8911012	•
8911023	•
8911057	•
8922412	•
8922423	•
8922457	•
8922812	•
8922823	•
8922857	•
8927012	•
8927023	•
8927057	•
8927112	•
8927123	•
8927157	•



- Cylindrical luminaire for installation on ceiling – surface mounted.
- Configuration: extruded aluminium structure with die-cast aluminium fixing base and frame EN AB-47100 alloy (low copper content). Glass diffuser: transparent or textured with silkscreen border, fixed to the aluminium body through a robotic gluing system.
- Double layer coating for high resistance to corrosion: the aluminium components are painted with a double coat using powders that are compliant with QUALICOAT standards: a first layer of epoxy powder (with excellent chemical and mechanical resistance) and a second finishing layer of polyester powder (resistant to UV rays and atmospheric agents). The entire painting process of the aluminium fitting starts from components that have been sandblasted in advance to make the surface more porous and increase the adherence of the paint. Ares effects alkaline and acid washing to clean the surfaces completely, then rinses with demineralised water to remove any residue particles, subsequently a chemical conversion treatment is done to protect against rusting.
- Protection rating: IP65
- In compliance with EN 60598-1 standards
- Class of insulation: I, Ø60:II
- Installation: Ø60mm is equipped with one cable holder (5mm<Ø<9mm cables); H170-300mm: wiring through two rubber cable holders (5mm<Ø<9mm cables). Outdoor use requires suitable flexible cables assuring the watertightness of the cable holder.
- During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating. Damages on the coating exposed to outdoor conditions or water, could cause corrosion. Chemical substances affect the anticorrosion covering protection.

## EU Regulation 874/2012 - Illumination equipment energy classes



**LED VERSION:**  
Class A/A+/A++  
Luminaire supplied with integrated LED modules that cannot be replaced



.1 White



.6 Grey



.3 Anthracite



.4 Black



.18 Deep Brown



Ceiling fitting



Yama H 170-300mm: equipped with 2 cable input



Yama Ø60mm: The fitting is equipped with 1 cable input



Protection against impact.  
IK 05 - 0,70 joule\*  
IK 07 - 2,00 joule\*\*  
\*(version ø 60/ ø 110 mm)  
\*\*(version ø 150 mm)



### Yama Ø 60mm - H 110mm - Textured Glass - 15°

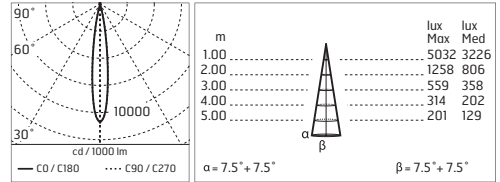
Light Source: Power LED / 4,4W / Total power 6W / CRI>80 / 220÷240V / Integral electronic power supply



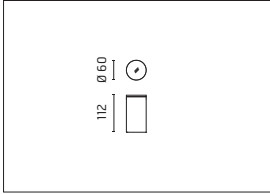
**531242**  
White 2700K  
lm LED 442 ≠ lm OUTPUT 396

**531042**  
White 3000K  
lm LED 475 ≠ lm OUTPUT 426

**531041**  
White 4000K  
lm LED 510 ≠ lm OUTPUT 458



@ 4000K



IP65

### Yama Ø 60mm - H 110mm - Textured Glass - 65°

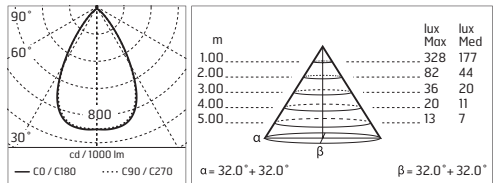
Light Source: Power LED / 4,4W / Total power 6W / CRI>80 / 220÷240V / Integral electronic power supply



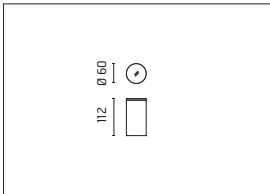
**531244**  
White 2700K  
lm LED 442 ≠ lm OUTPUT 314

**531044**  
White 3000K  
lm LED 475 ≠ lm OUTPUT 338

**531043**  
White 4000K  
lm LED 510 ≠ lm OUTPUT 363



@ 4000K



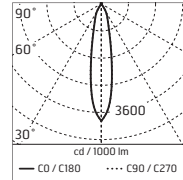
IP65

**Yama Ø 110mm - H 170mm - Textured Glass - 20° - Direct 230V**

Light Source: CoB LED / 10W / Total power 12W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

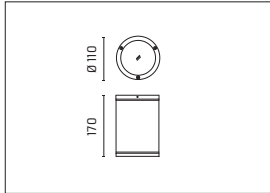


**531029**  
White 3000K  
lm LED 951 ± lm OUTPUT 752



m	lux	
	Max	Med
1.00	2955	1850
2.00	739	462
3.00	328	206
4.00	185	116
5.00	118	74

$\alpha = 10.0^\circ + 10.0^\circ$        $\beta = 10.0^\circ + 10.0^\circ$



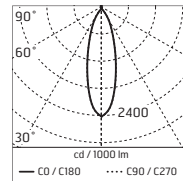
IP65

**Yama Ø 110mm - H 170mm - Textured Glass - 30° - Direct 230V**

Light Source: CoB LED / 10W / Total power 12W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

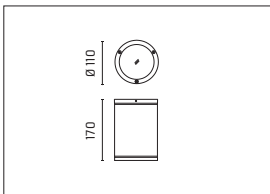


**531030**  
White 3000K  
lm LED 951 ± lm OUTPUT 713



m	lux	
	Max	Med
1.00	1726	1036
2.00	432	259
3.00	192	115
4.00	108	65
5.00	69	41

$\alpha = 15.0^\circ + 15.0^\circ$        $\beta = 15.0^\circ + 15.0^\circ$



IP65

## Yama Ø 110mm - H 300mm - Transparent Glass - 20°

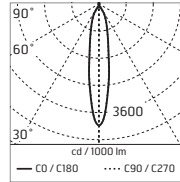
Light Source: CoB LED / 12W / Total power 15W / CRI>80 / 220÷240V / Integral electronic power supply



**531212**  
**531212-300** Dimmable Dali  
**531212-310** Dimmable 1-10  
 White 2700K  
 lm LED 1622 ≠ lm OUTPUT 1455

**531012**  
**531012-300** Dimmable Dali  
**531012-310** Dimmable 1-10  
 White 3000K  
 lm LED 1744 ≠ lm OUTPUT 1564

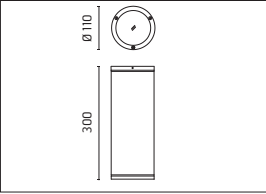
**531011**  
**531011-300** Dimmable Dali  
**531011-310** Dimmable 1-10  
 White 4000K  
 lm LED 1829 ≠ lm OUTPUT 1641



m	lux	
	Max	Med
1.00	6646	4085
2.00	1662	1021
3.00	738	454
4.00	415	255
5.00	266	163

$\alpha = 10.0^\circ + 10.0^\circ$        $\beta = 10.0^\circ + 10.0^\circ$

@ 4000K



IP65

## Yama Ø 110mm - H 300mm - Transparent Glass - 40°

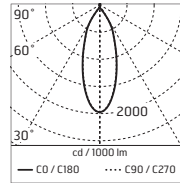
Light Source: CoB LED / 12W / Total power 15W / CRI>80 / 220÷240V / Integral electronic power supply



**531209**  
**531209-300** Dimmable Dali  
**531209-310** Dimmable 1-10  
 White 2700K  
 lm LED 1622 ≠ lm OUTPUT 1443

**531009**  
**531009-300** Dimmable Dali  
**531009-310** Dimmable 1-10  
 White 3000K  
 lm LED 1744 ≠ lm OUTPUT 1552

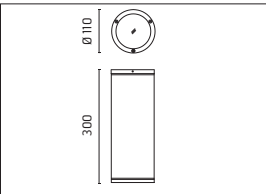
**531008**  
**531008-300** Dimmable Dali  
**531008-310** Dimmable 1-10  
 White 4000K  
 lm LED 1829 ≠ lm OUTPUT 1628



m	lux	
	Max	Med
1.00	3190	1852
2.00	797	463
3.00	354	206
4.00	199	116
5.00	128	74

$\alpha = 20.0^\circ + 20.0^\circ$        $\beta = 20.0^\circ + 20.0^\circ$

@ 4000K



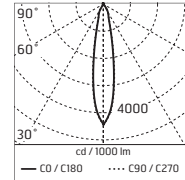
IP65

**Yama Ø 150mm - H 170mm - Textured Glass -20° - Direct 230V**

Light Source: CoB LED / 22W / Total power 24W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

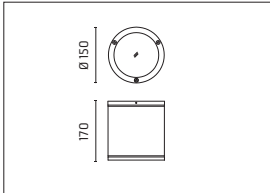


**531031**  
White 3000K  
lm LED 2303 ≈ lm OUTPUT 1659



m	lux	
	Max	Med
1.00	7460	4698
2.00	1865	1174
3.00	829	522
4.00	466	294
5.00	298	188

$\alpha = 10.0^\circ + 10.0^\circ$        $\beta = 10.0^\circ + 10.0^\circ$



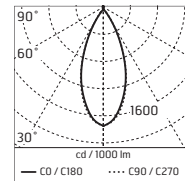
IP65

**Yama Ø 150mm - H 170mm - Textured Glass -40° - Direct 230V**

Light Source: CoB LED / 22W / Total power 24W / CRI>80 / 220÷230V / LED module set up to work directly connected to the mains

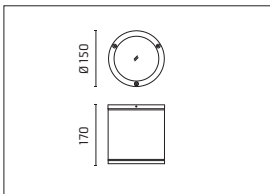


**531032**  
White 3000K  
lm LED 2303 ≈ lm OUTPUT 1610



m	lux	
	Max	Med
1.00	2808	1598
2.00	702	399
3.00	312	178
4.00	176	100
5.00	112	64

$\alpha = 20.0^\circ + 20.0^\circ$        $\beta = 20.0^\circ + 20.0^\circ$



IP65



### Yama Ø 150mm - H 300mm - Transparent Glass - 20°

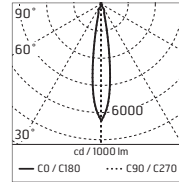
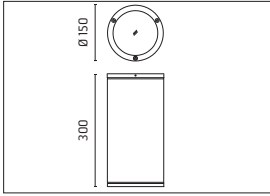
Light Source: CoB LED / 17W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



**531224**  
**531224-300** Dimmable Dali  
**531224-310** Dimmable 1-10  
 White 2700K  
 lm LED 2387 ≠ lm OUTPUT 1907

**531024**  
**531024-300** Dimmable Dali  
**531024-310** Dimmable 1-10  
 White 3000K  
 lm LED 2567 ≠ lm OUTPUT 2050

**531025**  
**531025-300** Dimmable Dali  
**531025-310** Dimmable 1-10  
 White 4000K  
 lm LED 2632 ≠ lm OUTPUT 2102



m	lux	
	Max	Med
1.00	13609	8428
2.00	3402	2107
3.00	1512	936
4.00	851	527
5.00	544	337

$\alpha = 10.0^\circ + 10.0^\circ$        $\beta = 10.0^\circ + 10.0^\circ$

@ 4000K

IP65

### Yama Ø 150mm - H 300mm - Transparent Glass - 40°

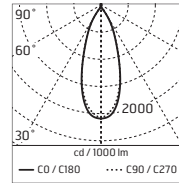
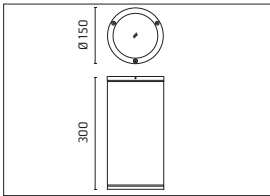
Light Source: CoB LED / 17W / Total power 20W / CRI>80 / 220÷240V / Integral electronic power supply



**531221**  
**531221-300** Dimmable Dali  
**531221-310** Dimmable 1-10  
 White 2700K  
 lm LED 2387 ≠ lm OUTPUT 1923

**531021**  
**531021-300** Dimmable Dali  
**531021-310** Dimmable 1-10  
 White 3000K  
 lm LED 2567 ≠ lm OUTPUT 2068

**531020**  
**531020-300** Dimmable Dali  
**531020-310** Dimmable 1-10  
 White 4000K  
 lm LED 2632 ≠ lm OUTPUT 2121



m	lux	
	Max	Med
1.00	4435	2623
2.00	1109	656
3.00	493	291
4.00	277	164
5.00	177	105

$\alpha = 20.0^\circ + 20.0^\circ$        $\beta = 20.0^\circ + 20.0^\circ$

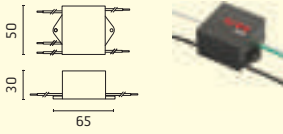
@ 4000K

IP65

## Accessories: Yama

### 237

SPD: (SURGE PROTECTION DEVICE)  
 275Vac  
 MAXIMUM DISCHARGE CURRENT  
 10KA (8/20µs)  
 MAXIMUM OPERATING CURRENT 5A  
 SUITABLE FOR SERIES CONNEC-  
 TION - IP66



acc. code ▶	dimmi DALI	dimmi 1-10	237
531008	-300	-310	•
531009	-300	-310	•
531011	-300	-310	•
531012	-300	-310	•
531020	-300	-310	•
531021	-300	-310	•
531024	-300	-310	•
531025	-300	-310	•
531029			•
531030			•
531031			•
531032			•
531041			•
531042			•
531043			•
531044			•
531209	-300	-310	•
531212	-300	-310	•
531221	-300	-310	•
531224	-300	-310	•
531242			•
531244			•

## IP DEGREE OF PROTECTION AND CLASS OF INSULATION

### First Digit IP - Protection Against Solid Bodies

- 0 Non protected.
  - 1 A large surface of the body, such as a hand (but no protection against deliberate access). Solid objects exceeding 50mm in diameter.
  - 2 Finger or similar objects not exceeding 80 mm in length. Solid objects exceeding 12 mm in diameter.
  - 3 Tools, wires, etc. of diameter thickness greater than 2,5mm. Solid objects exceeding 2,5mm in diameter.
  - 4 Wires or strips of thickness greater than 1,0 mm. Solid objects exceeding 1,0 mm diameter.
  - 5 Ingress of dust is not totally prevented but dust does not enter in sufficient quantity to interfere with satisfactory operation of the equipment.
  - 6 No ingress of dust.
- 

### Second Digit IP - Protection Against Water

- 0 Non protected.
  - 1 Dripping water (vertically falling drops) shall have no harmful effect.
  - 2 Vertically dripping water shall have no harmful effect when the enclosure is tilted at any angle up to 15° from its normal position.
  - 3 Water falling as a spray at an angle up to 60° from the vertical shall have no harmful effect.
  - 4 Water splashed against the enclosure from any direction shall have no harmful effect.
  - 5 Water projected by a nozzle against the enclosure from any direction shall have no harmful effect.
  - 6 Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities.
  - 7 Ingress of water in a harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time.
  - 8 The equipment is suitable for continuous submersion in water under conditions which shall be specified by the manufacturer
- 



Class I  
Light fixture with earth connector  
or terminal



Class II  
Light fixture with double insulation or  
reinforced insulation



Class III  
Protection is assured by the presence  
of a safety extra low voltage (SELV) not  
exceeding 50V



F mark  
Suitable for installation on normally  
flammable surface



CE Mark  
Compliance with all applicable  
EC directives



Dimmable

**SYMBOLS**



Static load: Resistance to static load.  
In compliance with CEI EN 60598-2-13 standards.



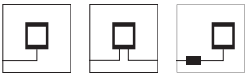
Drive over Resistance to torque and shear loads.  
In compliance with CEI EN 60598-2-13 standards.



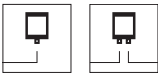
Diffuser temperature according to CEI EN 60598-2-13. Check that diffuser's temperature "T max °C" (tested at 25°C) complies with your local regulation. Glass surface temperature <70°C for LED source



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.



Electric connection:  
Wiring through cable input, through two cable inputs or through a feeding transformer installed on remote position (to be ordered separately).



Luminaire is equipped with 1 or 2 cable input.



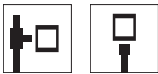
Luminaire is equipped with cable and plug.



Protection against water ingress from the cable



Surface installation on wall, on ground or on ceiling.



Installation on pole.



In-ground installation (recessed luminaire)  
Suspended fitting.



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 or allowing components (specified temperature).



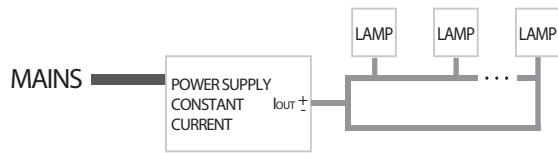
Resistance to external mechanical impacts:  
IK code refers to the maximum external impact the luminaire is capable to withstand, without irreversible damage.  
In compliance with EN50102 standards.

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

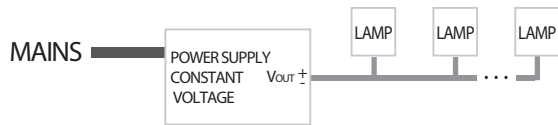


## TECNICAL SCHEMES

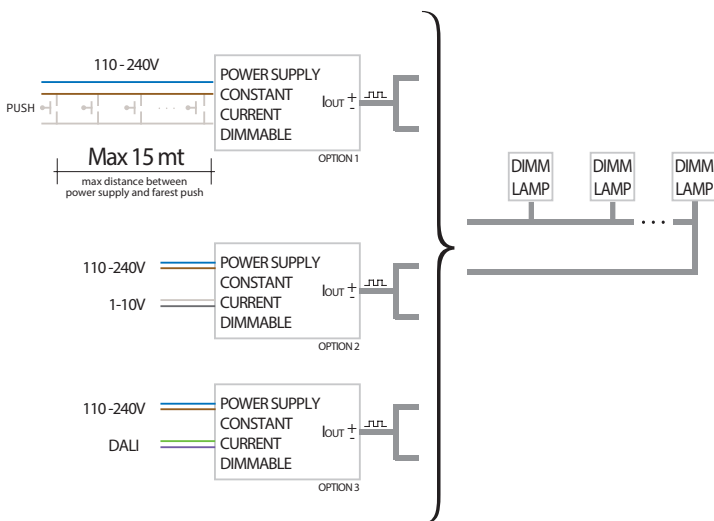
Wiring Diagram and sample series installation n.1



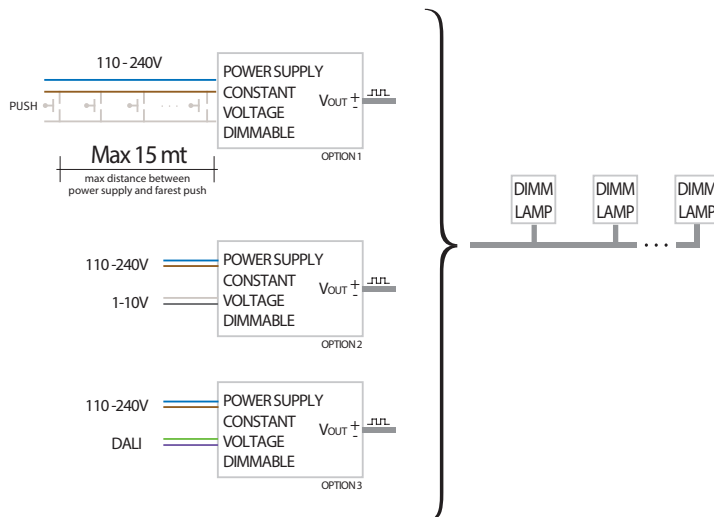
Wiring Diagram and sample parallel installation n.2



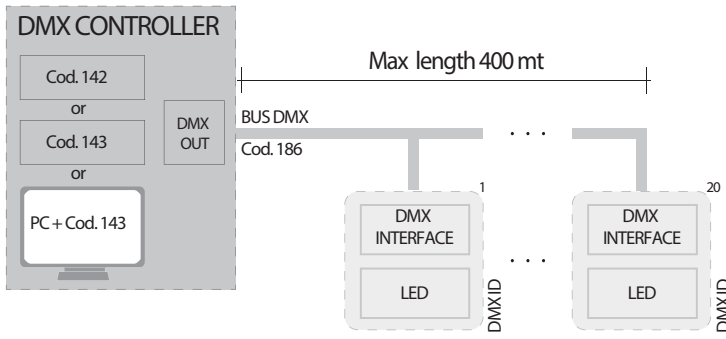
Wiring Diagram and sample dimmable series installation n.3



Wiring Diagram and sample dimmable parallel installation n.4



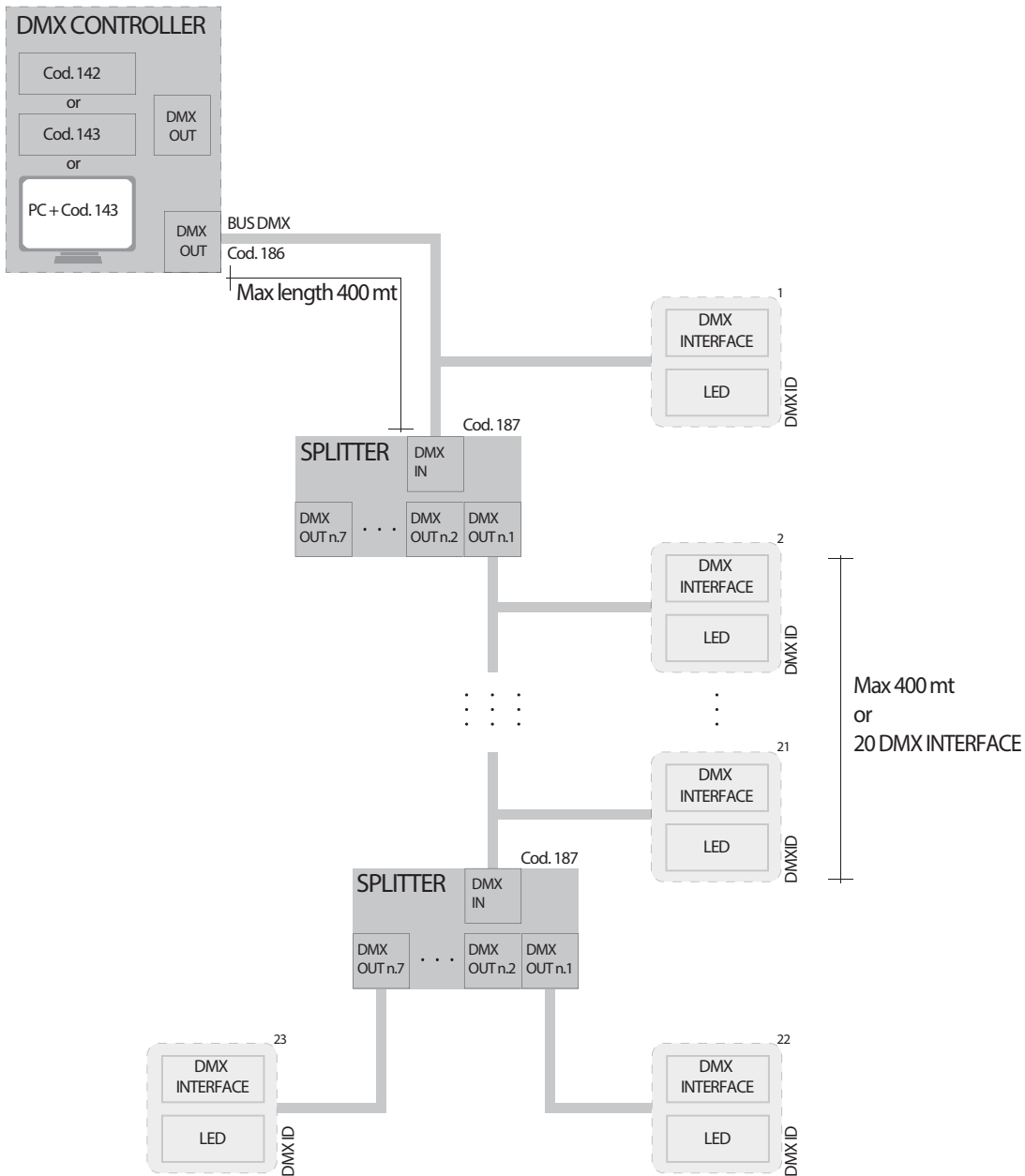
**Basic DMX Wiring Scheme**



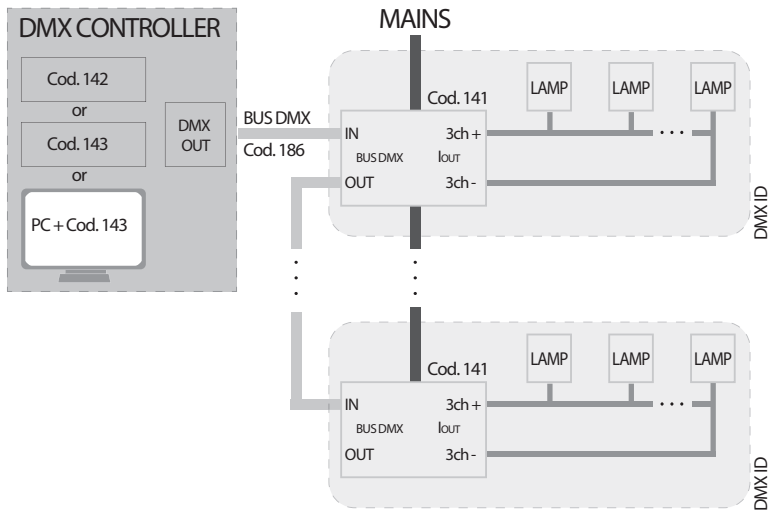
A DMX system can include an unlimited number of fixtures on condition that the following rules are respected:

- 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.

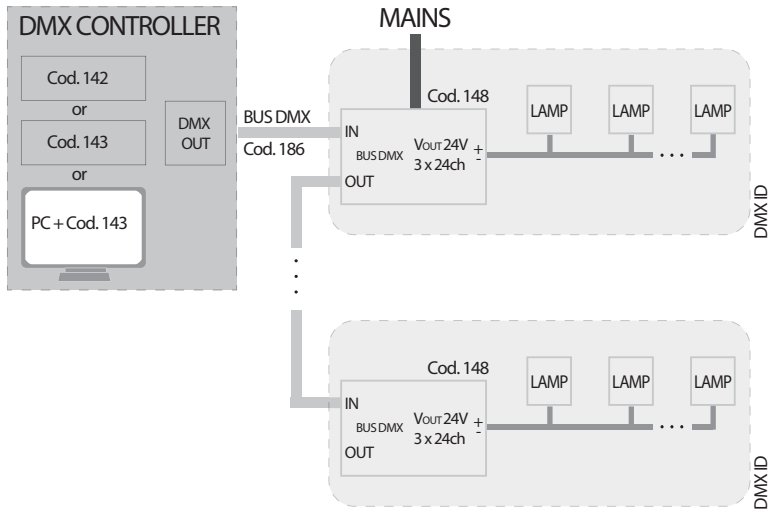
**Extended DMX Wiring Pattern**



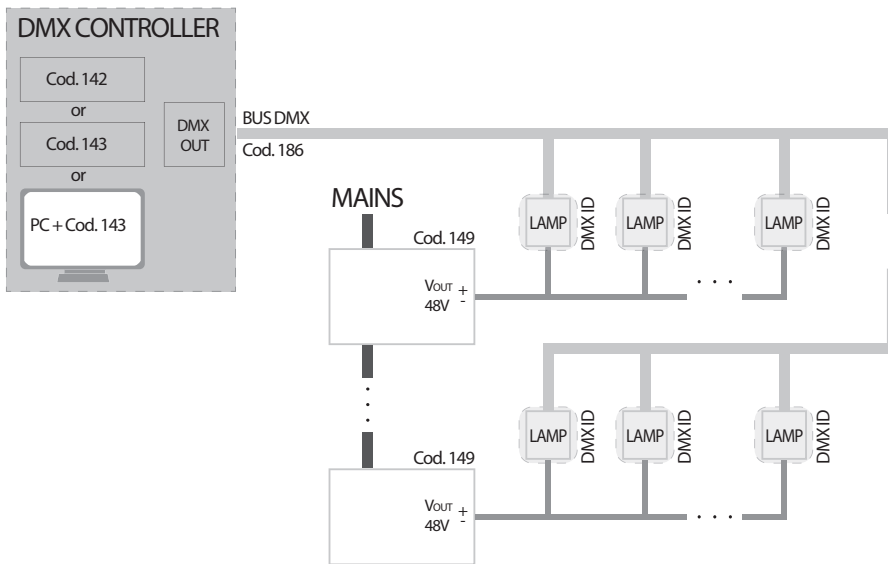
Wiring Diagram and sample installation n.5



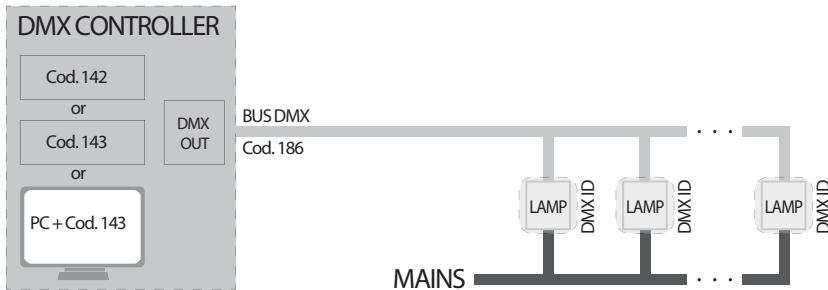
Wiring Diagram and sample installation n.6



Wiring Diagram and sample installation n.7



Wiring Diagram and sample installation n.8



**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.



Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page
16	123	139	209	210	276	12355	437
17	123	140	37	211	276	12390	437
18	123	141	81	212	276	12425	452
20	135	142	408	213	276	12455	452
21	203	143	408	215	408	12490	452
26	145	144	416	218	352	012815	133
42	123	147	416	219	54	012828	133
50	129	148	66	220	54	012856	133
51	352	150	416	221	305	013315	133
52	352	151	66	222	305	013328	133
59	169	152	66	223	305	013356	133
60	169	153	66	224	305	032815	132
68	352	155	416	225	305	032823	132
71	101	156	416	226	305	032856	132
72	101	157	293	227	305	033315	132
73	89	158	293	228	320	033323	132
74	89	160	383	229	305	033356	132
77	163	161	297	230	305	070113	138
78	312	162	297	231	305	073513	138
79	312	165	304	232	305	073514	138
80	101	166	304	233	139	073515	139
81	101	167	313	235	288	077113	138
82	101	168	313	236	408	077114	138
85	145	169	109	237	408	077115	139
87	416	170	119	238	352	250113	143
88	304	172	416	239	352	250157	143
89	312	173	416	243	320	252815	142
90	312	174	416	245	380	253315	142
93	312	175	416	247	383	255612	142
94	312	176	416	248	258	255622	142
95	312	177	297	249	258	255628	143
96	312	178	297	250	302	255638	143
98	80	179	302	251	302	256713	143
99	80	180	302	252	416	421100	534
101	80	181	313	260	231	425700	534
102	80	182	297	261	276	430105	535
105	507	183	66	262	276	430107	536
106	416	184	352	263	276	430110	535
107	189	186	408	264	265	430123	534
108	189	187	408	266	265	434105	535
109	219	188	47	268	265	434107	536
110	416	189	47	269	54	434110	535
112	312	190	47	1005	318	434123	534
113	312	192	54	1009	318	436005	535
114	312	193	54	1105	318	436007	536
115	312	194	54	1109	318	436010	535
116	304	195	54	1505	222	436023	534
117	318	196	182	1509	222	440223	537
123	157	197	182	1512	222	446223	537
124	157	198	182	1605	222	455923	536
125	343	199	182	1609	222	456223	537
129	352	203	277	1612	222	481121	464
130	441	205	276	4140	310	481122	465
131	453	206	276	4145	310	483001	464
135	352	207	276	4150	310	483002	464
136	288	208	276	4155	310	483003	465
138	213	209	276	12325	437	483004	465

Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page
483005	464	507022	500	513013	280	517072	107
483006	465	507023	500	513022	280	517073	107
485721	464	507025	500	513023	280	517075	107
485722	465	507032	501	513032	281	517082	108
486121	466	507033	501	513033	281	517083	108
486122	467	507035	501	513035	282	517085	108
490100	530	507102	501	513036	282	517112	104
491600	530	507103	501	513038	282	517113	104
492900	530	507105	501	513039	282	517115	104
496000	530	507112	501	513047	282	517122	104
500001	30	507113	501	513048	282	517123	104
500002	30	507115	501	513050	283	517125	104
500003	30	507122	502	513051	283	517132	107
500004	30	507123	502	513059	284	517133	107
500005	30	507125	502	513060	284	517135	107
500006	30	507132	502	513062	284	517142	108
500007	30	507133	502	513063	284	517143	108
500008	30	507135	502	513065	284	517145	108
500009	30	508002	494	513066	284	518002	112
502002	212	508003	494	513068	285	518003	112
502003	212	508005	494	513069	285	518005	112
502005	212	508012	494	513080	280	518006	112
502006	212	508013	494	513082	280	518008	112
502007	212	508015	494	513084	280	518009	112
502009	212	508022	495	513086	281	518012	113
503002	207	508023	495	513088	282	518013	113
503004	207	508025	495	513090	282	518015	113
503006	206	508032	495	513092	282	518016	113
503008	206	508033	495	513094	283	518022	114
503009	207	508035	495	513096	284	518023	114
503010	207	509002	364	513098	284	518025	114
503011	206	509003	364	513100	284	518026	114
503012	206	509005	364	513102	285	518032	114
504008	370	509012	364	517002	104	518033	114
504009	370	509013	364	517003	104	518034	113
504011	370	509015	364	517005	104	518035	113
504012	370	509022	364	517012	105	518042	115
504023	370	509023	364	517013	105	518043	115
504024	370	509025	364	517014	105	518052	115
504026	370	509032	365	517015	105	518053	115
504027	370	509033	365	517016	105	518062	115
504050	370	509035	365	517017	105	518063	115
504052	370	509042	365	517022	105	518072	116
504054	370	509043	365	517023	105	518073	116
504056	370	509045	365	517025	105	518082	116
505002	506	509052	365	517032	106	518083	116
505003	506	509053	365	517033	106	518085	116
505005	506	509055	365	517035	106	518086	116
506002	510	512002.A	514	517042	106	518092	117
506003	510	512003.A	514	517043	106	518093	117
506005	510	512005.A	514	517045	106	518095	117
507002	500	512012.A	514	517052	106	518096	117
507003	500	512013.A	514	517053	106	518102	117
507005	500	512015.A	514	517055	106	518103	117
507012	500	513002	280	517062	107	518202	112
507013	500	513003	280	517063	107	518205	112
507015	500	513012	280	517065	107	518208	112

Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page
518212	113	524504	61	531009	552	533019	23
518215	113	524505	61	531011	552	533020	23
518222	114	524512	60	531012	552	533021	24
518225	114	524513	60	531020	554	533022	24
518232	114	524515	60	531021	554	533023	24
518234	113	524522	60	531024	554	533024	24
518242	115	524523	60	531025	554	533025	25
518252	115	524525	60	531029	551	533026	25
518262	115	525002	292	531030	551	533027	24
518272	116	525003	292	531031	553	533028	24
518282	116	525012	292	531032	553	533029	25
518285	116	525013	292	531041	550	533030	25
518292	117	525022	292	531042	550	533050	20
518295	117	525023	292	531043	550	533051	22
518302	117	525032	296	531044	550	533052	24
520107	541	525033	296	531209	552	533053	20
520110	540	525124	309	531212	552	533054	20
520123	540	525140	292	531221	554	533055	21
520137	541	525142	292	531224	554	533056	21
523002	412	525144	292	531242	550	533057	22
523003	412	525150	296	531244	550	533058	22
523012	412	526002	148	532002	200	533059	23
523013	412	526003	148	532003	200	533060	23
523022	412	526005	148	532005	200	533061	24
523023	412	527002	380	532006	200	533062	24
523032	413	527003	380	532008	200	533063	25
523033	413	527005	380	532009	200	533064	25
523042	413	527012	380	532014	200	534002	37
523043	413	527013	380	532017	200	534003	37
523052	413	527015	380	532020	200	534005	37
523053	413	528004	222	532022	201	534006	37
523062	414	528005	222	532023	201	534008	37
523063	414	528009	222	532024	201	534009	37
523072	414	528010	222	532025	201	534011	38
523073	414	529001	456	532026	201	534012	38
524002	59	529003	456	532027	201	534014	38
524003	59	529004	456	532028	201	534015	38
524004	59	529005	457	532029	201	534017	38
524005	59	529007	457	532030	201	534018	38
524012	58	529008	457	533001	20	534020	39
524013	58	529024	456	533002	20	534021	39
524015	58	529028	457	533003	20	534023	39
524022	58	529051	460	533004	20	534024	39
524023	58	529052	460	533005	21	534026	39
524025	58	529053	460	533006	21	534027	39
524102	63	529054	460	533007	20	534029	40
524103	63	529055	460	533008	20	534030	40
524104	63	529056	460	533009	21	534031	40
524105	63	530002	126	533010	21	534032	40
524112	62	530003	126	533011	22	534033	40
524113	62	530005	127	533012	22	534034	40
524115	62	530006	127	533013	22	534036	41
524122	62	530007	126	533014	22	534037	41
524123	62	530008	126	533015	23	534039	41
524125	62	530009	127	533016	23	534040	41
524502	61	530010	127	533017	22	534042	41
524503	61	531008	552	533018	22	534043	41

Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page
534045	42	536002	172	536106	172	539051	245
534046	42	536003	172	536109	172	539053	245
534047	42	536005	172	536112	173	539054	245
534048	42	536006	172	536114	173	539056	246
534051	37	536008	172	536116	173	539057	246
534052	37	536009	172	536118	174	539059	247
534053	37	536011	173	536120	174	539060	247
534054	38	536012	173	536122	174	539062	247
534055	38	536013	173	536124	175	539063	247
534056	38	536014	173	536126	175	539065	248
534057	39	536015	173	536128	175	539066	248
534058	39	536016	173	536130	176	539068	249
534059	39	536017	174	536132	176	539069	249
534060	40	536018	174	536134	176	539071	249
534061	40	536019	174	536136	177	539072	249
534062	40	536020	174	536138	177	539074	240
534063	41	536021	174	536140	177	539075	240
534064	41	536022	174	536142	178	539076	240
534065	41	536023	175	536144	178	539078	242
534066	42	536024	175	536148	178	539080	243
534067	42	536025	175	536150	179	539082	243
535002	50	536026	175	536152	179	539084	244
535003	50	536027	175	536156	179	539086	245
535005	50	536028	175	536158	180	539088	245
535006	50	536029	176	536160	180	539090	246
535008	51	536030	176	539002	250	539092	247
535009	51	536031	176	539003	250	539094	247
535011	51	536032	176	539005	251	539096	248
535012	51	536033	176	539006	251	539098	249
535014	52	536034	176	539008	251	539100	249
535015	52	536035	177	539009	251	539102	250
535017	52	536036	177	539011	252	539104	251
535018	52	536037	177	539012	252	539106	251
535020	50	536038	177	539014	253	539108	252
535021	50	536039	177	539015	253	539110	253
535023	50	536040	177	539017	253	539112	253
535024	50	536041	178	539018	253	539114	254
535026	51	536042	178	539021	254	539116	255
535027	51	536043	178	539023	255	539118	255
535029	51	536044	178	539024	255	539120	256
535030	51	536047	178	539026	255	539122	257
535032	52	536048	178	539027	255	539124	257
535033	52	536049	179	539029	256	539130	240
535035	52	536050	179	539030	256	539132	242
535036	52	536051	179	539032	257	539134	244
535041	50	536052	179	539033	257	539136	246
535042	50	536055	179	539035	257	539138	248
535043	50	536056	179	539036	257	539140	250
535044	50	536057	180	539038	242	539142	252
535045	51	536058	180	539039	242	539144	254
535046	51	536059	180	539041	243	539146	256
535047	51	536060	180	539042	243	539148	240
535048	51	536061	180	539044	243	539150	242
535049	52	536062	181	539045	243	539152	244
535050	52	536063	181	539047	244	539154	246
535051	52	536064	181	539048	244	539156	248
535052	52	536103	172	539050	245	539158	250



Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page
539160	252	545014	392	816420	166	948613	95
539162	254	545015	392	820100	166	962913	324
539164	256	545016	393	820117	160	962914	324
539166	240	545017	393	820123	160	971913	332
539168	242	545020	396	822800	167	971914	332
539170	244	545021	396	822801	167	1029500	148
539172	246	545023	396	822805	167	1029600	148
539174	248	545024	396	842800	526	1032823	186
539176	250	545025	397	850100	234	1033323	186
539178	252	545026	397	850121	234	1055600	348
539180	254	545029	398	850167	236	1055612	347
539182	256	545030	398	850168	237	1055620	348
540002	262	545032	398	850169	236	1055622	347
540003	262	545033	398	850170	236	1079245	520
541002	268	545034	399	850173	235	1079252	520
541003	268	545035	399	850174	235	1233543	444
541005	268	545038	402	850175	234	1233545	446
541006	268	545039	402	850176	235	1233547	446
541007	268	545041	402	853500	234	1233547	450
541008	268	545042	402	853521	234	1233548	447
541009	269	545043	403	853568	237	1233548	451
541010	269	545044	403	853570	236	1233550	444
541011	269	545047	404	853573	235	1233553	447
541012	269	545048	404	853574	235	1233554	446
541013	269	545050	404	853575	234	1237147	450
541014	269	545051	404	853576	235	1237148	451
541023	268	545052	405	857167	236	1610112	317
541026	268	545053	405	857168	237	1610113	317
541028	268	545070	390	857169	236	1610122	317
541030	269	545072	390	857170	236	1610123	317
541032	269	545074	392	890200	545	1622412	317
541034	269	545076	392	898523	544	1622413	317
541100	270	545078	396	930100	228	1628013	316
541102	270	545080	396	930121	228	1628014	316
542002	376	545082	398	930178	229	1628113	316
542003	376	545084	398	930179	229	1628114	316
542005	376	545086	402	930181	228	1628123	316
542006	376	545088	402	930182	229	1628124	316
542007	376	545090	404	936784	230	2517212	142
542009	376	545092	404	936785	231	2517228	143
544001	386	545100	390	936787	230	2556128	142
544002	386	545102	392	936788	230	2556228	142
544003	386	545104	396	944213	92	4827421	466
544004	386	545106	398	944214	92	4827422	467
544005	386	545108	402	944257	92	4827521	466
544006	386	545110	404	944813	94	4827522	467
544007	386	652815	122	944814	95	4827524	466
544008	386	652828	122	944857	94	4827525	467
544009	386	653315	122	945413	96	4927700	530
545002	390	653328	122	945414	97	4927800	530
545003	390	662815	122	945457	97	4927900	530
545005	390	662823	123	948012	95	500010	30
545006	390	663315	122	948013	95	500011	30
545007	391	663323	123	948313	93	500012	30
545008	391	0735129	139	948512	93	5214107	541
545011	392	0771129	139	948513	93	5214110	540
545012	392	816400	166	948612	95	5214123	540

Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page
5214137	541	948312	93	10510700	348	10813398	194
7511312	84	9418612	93	10510712	347	10813399	195
7511313	84	9483131	94	10510720	348	10814092	192
7511413	84	9485131	94	10510722	347	10814093	192
7511512	84	9486131	96	10514400	346	10814094	193
7518412	84	9628213	324	10514412	346	10814095	193
7518413	84	9628214	325	10514420	346	10814334	195
7611312	86	9628313	324	10514422	346	10814396	194
7611313	86	9628314	325	10517100	346	10814397	194
7611512	86	9628323	324	10517112	346	10814398	194
7611513	86	9628324	325	10517200	348	10814399	195
7618412	86	9715109	334	10517212	347	10819592	192
7618413	86	9724713	333	10517300	346	10819593	192
8121300	166	9724714	334	10517400	348	10819594	193
8121500	166	9724723	333	10517412	347	10819595	193
8121600	166	9724724	334	10519000	348	10819634	195
8121620	166	9724813	333	10519012	347	10819696	194
8202001	160	9724814	334	10525100	350	10819697	194
8202002	160	9728413	333	10525112	349	10819698	194
8202005	160	9728414	333	10525200	350	10819699	195
8212218	161	9728423	333	10525212	349	12311643	420
8212228	161	9728513	333	10525220	350	12311650	420
8212517	161	9771109	334	10525222	349	12311951	421
8212527	161	10017412	72	10525400	350	12312253	421
8218218	161	10017427	74	10525412	349	12313253	421
8220917	161	10017440	72	10525500	350	12313643	420
8225817	161	10017441	77	10525512	349	12313650	420
8225917	161	10017600	71	10525520	350	12313951	421
8225927	161	10017612	70	10525522	349	12314644	426
8226118	161	10017640	70	10525600	350	12314652	427
8226218	161	10017641	76	10525612	349	12315144	444
8226228	161	10017700	71	10711643	518	12315152	445
8412801	526	10017712	70	10711650	518	12315454	447
8910112	545	10017740	70	10711944	519	12316243	426
8910123	546	10017741	76	10711951	519	12316245	430
8910157	546	10017912	72	10712253	519	12316246	427
8911012	544	10017927	75	10723043	518	12316246	434
8911023	544	10017940	73	10723050	518	12316247	428
8911057	545	10017941	78	10723144	519	12316247	435
8922412	545	10018012	72	10723151	519	12316248	431
8922423	546	10018027	75	10723153	519	12316248	436
8922457	546	10018040	73	10723245	520	12316250	426
8922812	544	10018041	78	10723252	520	12316253	430
8922823	544	10018100	71	10727247	520	12316254	428
8922857	545	10018112	70	10727249	520	12316343	420
8927012	544	10018140	70	10727253	519	12316450	420
8927023	544	10018141	76	10727643	518	12316451	421
8927057	545	10018212	72	10727650	518	12316453	421
8927112	545	10018227	75	10727944	519	12316644	426
8927123	546	10018240	73	10727951	519	12316652	427
8927157	546	10018241	78	10813092	192	12316744	426
9418613	93	10222900	148	10813093	192	12316752	427
9418812	95	10328134	186	10813094	193	12316854	430
9418813	95	10333134	186	10813095	193	12317054	430
9428424	333	10410400	216	10813334	195	12324044	444
9428514	333	10410600	216	10813396	194	12324052	445
9480131	96	10419700	216	10813397	194	12324144	444

Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page
12324152	445	115147119	155	1165621.A	472	504023-310	370
12324354	447	115147212	154	1165642.A	473	504024-300	370
12324454	447	115147214	154	1170121.A	478	504024-310	370
12335117	451	115147216	155	1170242.A	480	504026-300	370
12335136	450	115147218	155	11715012.A	480	504026-310	370
25172128	142	121264112	340	11715042.A	480	504027-300	370
94186131	94	121264114	340	117268146.A	479	504027-310	370
94188131	96	121265112	340	117268147.A	479	504050-300	370
100174121	75	121265114	340	117268148.A	481	504050-310	370
100174122	73	123114118	436	117268149.A	481	504052-300	370
100174123	74	123114137	435	117269146.A	479	504052-310	370
100174125	78	123151137	450	117269147.A	479	504054-300	370
100174132	77	123154118	451	117269148.A	481	504054-310	370
100176118	70	123162116	434	117269149.A	481	504056-300	370
100176119	71	123162117	436	117279146.A	479	504056-310	370
100176120	71	123162136	435	117279147.A	479	525042.A	296
100176124	76	123166137	435	117279148.A	481	525043.A	296
100176133	76	123167137	435	117279149.A	481	525052.A	296
100177118	70	123168118	436	1176612.A	478	525053.A	296
100177119	71	123170118	436	1176621.A	478	525062.A	300
100177120	71	123214117	434	1180121.A	486	525062.A-300	300
100177124	76	123234117	434	1180242.A	488	525062.A-310	300
100177133	76	123235117	434	11815142.A	488	525063.A	300
100179121	75	123240137	450	11815212.A	488	525063.A-300	300
100179122	73	123241137	450	11815242.A	488	525063.A-310	300
100179123	74	123243118	451	118271150.A	487	525072.A	301
100179125	78	123244118	451	118271151.A	487	525072.A-300	301
100179132	77	10310112.A	188	118271152.A	489	525072.A-310	301
100180121	75	103101135.A	188	118271153.A	489	525073.A	301
100180122	73	103101145.A	188	118272150.A	487	525073.A-300	301
100180123	74	10310123.A	188	118272151.A	487	525073.A-310	301
100180125	78	10310142.A	188	118272152.A	489	525082.A	300
100180132	77	10310143.A	188	118272153.A	489	525082.A-300	300
100181118	70	10321712.A	186	118282150.A	487	525082.A-310	300
100181119	71	103217134.A	187	118282151.A	487	525083.A	300
100181120	71	10321723.A	187	118282152.A	489	525083.A-300	300
100181124	76	10322412.A	188	118282153.A	489	525083.A-310	300
100181133	76	103224135.A	188	1186712.A	486	525092.A	300
100182121	75	10322423.A	188	1186721.A	486	525092.A-300	300
100182122	73	1039212.A	186	1189821.A	486	525092.A-310	300
100182123	74	10392134.A	187	12314854	430	525093.A	300
100182125	78	10392144.A	187	185.A	203	525093.A-300	300
100182132	77	1039223.A	187	2518312.A	144	525093.A-310	300
105171143	356	1039242.A	186	2518328.A	144	525102.A	308
105172144	357	1039243.A	187	257712.A	144	525102.A-300	308
105173143	356	116172113.A	473	257722.A	144	525102.A-310	308
105174144	357	11617212.A	472	257728.A	144	525103.A	308
105211145	358	11617221.A	472	257738.A	144	525103.A-300	308
105256145	358	11617242.A	473	504008-300	370	525103.A-310	308
105266145	358	11627113.A	473	504008-310	370	525112.A	309
115147112	154	1162712.A	472	504009-300	370	525112.A-300	309
115147113	154	1162721.A	472	504009-310	370	525112.A-310	309
115147114	154	1162742.A	473	504011-300	370	525113.A	309
115147115	154	1162821.A	472	504011-310	370	525113.A-300	309
115147116	155	1162842.A	473	504012-300	370	525113.A-310	309
115147117	155	11656113.A	473	504012-310	370	525122.A	308
115147118	155	1165612.A	472	504023-300	370	525122.A-300	308

Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page
525122.A-310	308	529055-310	460	532028-300	201	533060-310	23
525123.A	308	529056-300	460	532028-310	201	533061-300	24
525123.A-300	308	529056-310	460	532029-300	201	533061-310	24
525123.A-310	308	531008-300	552	532029-310	201	533062-300	24
525132.A	308	531008-310	552	532030-300	201	533062-310	24
525132.A-300	308	531009-300	552	532030-310	201	533063-300	25
525132.A-310	308	531009-310	552	533011-300	22	533063-310	25
525133.A	308	531011-300	552	533011-310	22	533064-300	25
525133.A-300	308	531011-310	552	533012-300	22	533064-310	25
525133.A-310	308	531012-300	552	533012-310	22	534020-300	39
525146.A	296	531012-310	552	533013-300	22	534020-310	39
525148.A	296	531020-300	554	533013-310	22	534021-300	39
525152.A	300	531020-310	554	533014-300	22	534021-310	39
525152.A-300	300	531021-300	554	533014-310	22	534023-300	39
525152.A-310	300	531021-310	554	533015-300	23	534023-310	39
525154.A	300	531024-300	554	533015-310	23	534024-300	39
525154.A-300	300	531024-310	554	533016-300	23	534024-310	39
525154.A-310	300	531025-300	554	533016-310	23	534026-300	39
525156.A	300	531025-310	554	533017-300	22	534026-310	39
525156.A-300	300	531209-300	552	533017-310	22	534027-300	39
525156.A-310	300	531209-310	552	533018-300	22	534027-310	39
525158.A	301	531212-300	552	533018-310	22	534029-300	40
525158.A-300	301	531212-310	552	533019-300	23	534029-310	40
525158.A-310	301	531221-300	554	533019-310	23	534030-300	40
525160-310	308	531221-310	554	533020-300	23	534030-310	40
525160.A	308	531224-300	554	533020-310	23	534031-300	40
525160.A-300	308	531224-310	554	533021-300	24	534031-310	40
525162-300	308	532002-300	200	533021-310	24	534032-300	40
525162.A	308	532002-310	200	533022-300	24	534032-310	40
525162.A-310	308	532003-300	200	533022-310	24	534033-300	40
525164.A	308	532003-310	200	533023-300	24	534033-310	40
525164.A-300	308	532005-300	200	533023-310	24	534034-300	40
525164.A-310	308	532005-310	200	533024-300	24	534034-310	40
525166.A	309	532006-300	200	533024-310	24	534036-300	41
525166.A-300	309	532006-310	200	533025-300	25	534036-310	41
525166.A-310	309	532008-300	200	533025-310	25	534037-300	41
529003-300	456	532008-310	200	533026-300	25	534037-310	41
529003-310	456	532009-300	200	533026-310	25	534039-300	41
529004-300	456	532009-310	200	533027-300	24	534039-310	41
529004-310	456	532014-300	200	533027-310	24	534040-300	41
529007-300	457	532014-310	200	533028-300	24	534040-310	41
529007-310	457	532017-300	200	533028-310	24	534042-300	41
529008-300	457	532017-310	200	533029-300	25	534042-310	41
529008-310	457	532020-300	200	533029-310	25	534043-300	41
529024-300	456	532020-310	200	533030-300	25	534043-310	41
529024-310	456	532022-300	201	533030-310	25	534045-300	42
529028-300	457	532022-310	201	533051-300	22	534045-310	42
529028-310	457	532023-300	201	533051-310	22	534046-300	42
529051-300	460	532023-310	201	533052-300	24	534046-310	42
529051-310	460	532024-300	201	533052-310	24	534047-300	42
529052-300	460	532024-310	201	533057-300	22	534047-310	42
529052-310	460	532025-300	201	533057-310	22	534048-300	42
529053-300	460	532025-310	201	533058-300	22	534048-310	42
529053-310	460	532026-300	201	533058-310	22	534057-300	39
529054-300	460	532026-310	201	533059-300	23	534057-310	39
529054-310	460	532027-300	201	533059-310	23	534058-300	39
529055-300	460	532027-310	201	533060-300	23	534058-310	39



Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page
534059-300	39	536032-310	176	536122-300	174	539017-310	253
534059-310	39	536033-300	176	536122-310	174	539018-300	253
534060-300	40	536033-310	176	536124-300	175	539018-310	253
534060-310	40	536034-300	176	536124-310	175	539020-300	254
534061-300	40	536034-310	176	536126-300	175	539020-310	254
534061-310	40	536035-300	177	536126-310	175	539021-300	254
534062-300	40	536035-310	177	536128-300	175	539021-310	254
534062-310	40	536036-300	177	536128-310	175	539023-300	255
534063-300	41	536036-310	177	536130-300	176	539023-310	255
534063-310	41	536037-300	177	536130-310	176	539024-300	255
534064-300	41	536037-310	177	536132-300	176	539024-310	255
534064-310	41	536038-300	177	536132-310	176	539026-300	255
534065-300	41	536038-310	177	536134-300	176	539026-310	255
534065-310	41	536039-300	177	536134-310	176	539027-300	255
534066-300	42	536039-310	177	536136-300	177	539027-310	255
534066-310	42	536040-300	177	536136-310	177	539029-300	256
534067-300	42	536040-310	177	536138-300	177	539029-310	256
534067-310	42	536041-300	178	536138-310	177	539030-300	256
536013-300	173	536041-310	178	536140-300	177	539030-310	256
536013-310	173	536042-300	178	536140-310	177	539032-300	257
536014-300	173	536042-310	178	536142-300	178	539032-310	257
536014-310	173	536043-300	178	536142-310	178	539033-300	257
536015-300	173	536043-310	178	536144-300	178	539033-310	257
536015-310	173	536044-300	178	536144-310	178	539035-300	257
536016-300	173	536044-310	178	536148-300	178	539035-310	257
536016-310	173	536047-300	178	536148-310	178	539036-300	257
536017-300	174	536047-310	178	536150-300	179	539036-310	257
536017-310	174	536048-300	178	536150-310	179	539038-300	242
536018-300	174	536048-310	178	536152-300	179	539038-310	242
536018-310	174	536049-300	179	536152-310	179	539039-300	242
536019-300	174	536049-310	179	536156-300	179	539039-310	242
536019-310	174	536050-300	179	536156-310	179	539041-300	243
536020-300	174	536050-310	179	536158-300	180	539041-310	243
536020-310	174	536051-300	179	536158-310	180	539042-300	243
536021-300	174	536051-310	179	536160-300	180	539042-310	243
536021-310	174	536052-300	179	536160-310	180	539044-300	243
536022-300	174	536052-310	179	539002-300	250	539044-310	243
536022-310	174	536055-300	179	539002-310	250	539045-300	243
536023-300	175	536055-310	179	539003-300	250	539045-310	243
536023-310	175	536056-300	179	539003-310	250	539047-300	244
536024-300	175	536056-310	179	539005-300	251	539047-310	244
536024-310	175	536057-300	180	539005-310	251	539048-300	244
536025-300	175	536057-310	180	539006-300	251	539048-310	244
536025-310	175	536058-300	180	539006-310	251	539050-300	245
536026-300	175	536058-310	180	539008-300	251	539050-310	245
536026-310	175	536059-300	180	539008-310	251	539051-300	245
536027-300	175	536059-310	180	539009-300	251	539051-310	245
536027-310	175	536060-300	180	539009-310	251	539053-300	245
536028-300	175	536060-310	180	539011-300	252	539053-310	245
536028-310	175	536114-300	173	539011-310	252	539054-300	245
536029-300	176	536114-310	173	539012-300	252	539054-310	245
536029-310	176	536116-300	173	539012-310	252	539056-300	246
536030-300	176	536116-310	173	539014-300	253	539056-310	246
536030-310	176	536118-300	174	539014-310	253	539057-300	246
536031-300	176	536118-310	174	539015-300	253	539057-310	246
536031-310	176	536120-300	174	539015-310	253	539059-300	247
536032-300	176	536120-310	174	539017-300	253	539059-310	247

Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page	Prod. Codex	Page
539060-300	247	539110-310	253	539172-300	246	545030-300	398
539060-310	247	539112-300	253	539172-310	246	545030-310	398
539062-300	247	539112-310	253	539174-300	248	545032-300	398
539062-310	247	539114-300	254	539174-310	248	545032-310	398
539063-300	247	539114-310	254	539176-300	250	545033-300	398
539063-310	247	539116-300	255	539176-310	250	545033-310	398
539065-300	248	539116-310	255	539178-300	252	545034-300	399
539065-310	248	539118-300	255	539178-310	252	545035-300	399
539066-300	248	539118-310	255	539180-300	254	545038-300	402
539066-310	248	539120-300	256	539180-310	254	545038-310	402
539068-300	249	539120-310	256	539182-300	256	545039-300	402
539068-310	249	539122-300	257	539182-310	256	545039-310	402
539069-300	249	539122-310	257	540001.A	262	545041-300	402
539069-310	249	539124-300	257	544003-300	386	545041-310	402
539071-300	249	539124-310	257	544003-310	386	545042-300	402
539071-310	249	539130-300	240	544004-300	386	545042-310	402
539072-300	249	539130-310	240	544004-310	386	545043-300	403
539072-310	249	539132-300	242	544005-300	386	545044-300	403
539074-300	240	539132-310	242	544005-310	386	545047-300	404
539074-310	240	539134-300	244	544006-300	386	545047-310	404
539075-300	240	539134-310	244	544006-310	386	545048-300	404
539075-310	240	539136-300	246	544008-300	386	545048-310	404
539076-300	240	539136-310	246	544008-310	386	545050-300	404
539076-310	240	539138-300	248	544009-300	386	545050-310	404
539078-300	242	539138-310	248	544009-310	386	545051-300	404
539078-310	242	539140-300	250	545002-300	390	545051-310	404
539080-300	243	539140-310	250	545002-310	390	545052-300	405
539080-310	243	539142-300	252	545003-300	390	545053-300	405
539082-300	243	539142-310	252	545003-310	390	545070-300	390
539082-310	243	539144-300	254	545005-300	390	545070-310	390
539084-300	244	539144-310	254	545005-310	390	545072-300	390
539084-310	244	539146-300	256	545006-300	390	545072-310	390
539086-300	245	539146-310	256	545006-310	390	545074-300	392
539086-310	245	539148-300	240	545007-300	391	545074-310	392
539088-300	245	539148-310	240	545008-300	391	545076-300	392
539088-310	245	539150-300	242	545011-300	392	545076-310	392
539090-300	246	539150-310	242	545011-310	392	545078-300	396
539090-310	246	539152-300	244	545012-300	392	545078-310	396
539092-300	247	539152-310	244	545012-310	392	545080-300	396
539092-310	247	539154-300	246	545014-300	392	545080-310	396
539094-300	247	539154-310	246	545014-310	392	545082-300	398
539094-310	247	539156-300	248	545015-300	392	545082-310	398
539096-300	248	539156-310	248	545015-310	392	545084-300	398
539096-310	248	539158-300	250	545016-300	393	545084-310	398
539098-300	249	539158-310	250	545017-300	393	545086-300	402
539098-310	249	539160-300	252	545020-300	396	545086-310	402
539100-300	249	539160-310	252	545020-310	396	545088-300	402
539100-310	249	539162-300	254	545021-300	396	545088-310	402
539102-300	250	539162-310	254	545021-310	396	545090-300	404
539102-310	250	539164-300	256	545023-300	396	545090-310	404
539104-300	251	539164-310	256	545023-310	396	545092-300	404
539104-310	251	539166-300	240	545024-300	396	545092-310	404
539106-300	251	539166-310	240	545024-310	396	7511312-300	84
539106-310	251	539168-300	242	545025-300	397	7511312-310	84
539108-300	252	539168-310	242	545026-300	397	7511313-300	84
539108-310	252	539170-300	244	545029-300	398	7511313-310	84
539110-300	253	539170-310	244	545029-310	398	7511413-300	84

Prod. Codex	Page	Prod. Codex	Page
7511413-310	84	9483131-310	94
7511512-300	84	948512-300	93
7511512-310	84	948512-310	93
7518412-300	84	948513-300	93
7518412-310	84	948513-310	93
7518413-300	84	9485131-300	94
7518413-310	84	9485131-310	94
7518512.A	85	948612-300	95
7518513.A	85	948612-310	95
7611312-300	86	948613-300	95
7611312-310	86	948613-310	95
7611313-300	86	9486131-300	96
7611313-310	86	9486131-310	96
7611512-300	86	9724713-300	333
7611512-310	86	9724713-310	333
7611513-300	86	9724714-300	334
7611513-310	86	9724714-310	334
7618412-300	86	9724723-300	333
7618412-310	86	9724723-310	333
7618413-300	86	9724724-300	334
7618413-310	86	9724724-310	334
7618512.A	87	9724813-300	333
7618513.A	87	9724813-310	333
9418612-300	93	9724814-300	334
9418612-310	93	9724814-310	334
9418613-300	93		
9418613-310	93		
94186131-300	94		
94186131-310	94		
9418713.A	93		
9418812-300	95		
9418812-310	95		
9418813-300	95		
9418813-310	95		
94188131-300	96		
94188131-310	96		
9418913.A	96		
944213-300	92		
944214-300	92		
944257-300	92		
944813-300	94		
944814-300	95		
944857-300	94		
945413-300	96		
945414-300	97		
945457-300	97		
948012-300	95		
948012-310	95		
948013-300	95		
948013-310	95		
9480131-300	96		
9480131-310	96		
948312-300	93		
948312-310	93		
948313-300	93		
948313-310	93		
9483131-300	94		

## ALPHABETICAL INDEX

Alfa	504	Leila	170
Alfia	164	Leo	418
Alice	158	Marco	516
Andrea	338	Martina	344
Anna	18	Martina Aqua	354
Ara	184	Melrie	462
Arcadia	388	Memi	528
Bea	120	Midna	454
Beta	508	Naboo	32
Camilla	152	New Torcia	220
Cassiopea	82	Pan	368
Chiara	124	Paola	542
Cielo	90	Pat	532
Clio	130	Perseo	290
Delta	498	Petra	136
Dooku	238	Pi	362
Eclipse	374	Rho	102
Emma	470	Sam	538
Epsilon	492	Sandro	210
Franco	314	Sigma	110
Gamma	512	Silvia	226
Giulia	384	Spock	266
Hyperion	378	Talia	204
Idra	140	Tapioca	68
Iota	278	Tau	410
Jackie	524	Trixie	146
K12	56	Vincenza	190
Kamino	48	Viviana	214
Kirk	258	Yama	548
Ladina	28	Zefiro	198

## WARRANTY

ARES 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 products as a result of faulty materials or workmanship will be rectified free of charge.

ARES 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 as 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.

**Contact Italy**

Flos Spa  
Via Angelo Faini, 2  
25073 Bovezzo (Brescia)  
Tel +39 0302438.1  
flos.outdoor@flos.com

**Distribution Spain**

Antares Iluminación S.A.U.  
Calle Mallorca, 1  
Polígono Industrial Reva  
46394 Ribarroja (Valencia)  
Tel +34 96 166 95 20  
flos.architectural@flos.com

**Distribution Belgium And  
Luxembourg**

Flos Belux  
M +32 474 413 485  
flosbelux@flos.com

**Distribution France**

Flos Projets  
20-22, passage Dauphine  
75006 Paris  
Tel +33 (0)1 40 64 17 44  
flos.projets@flos.com

**Distribution Germany**

Flos G.m.b.H.  
Obermünsterstraße 18  
93047 Regensburg  
Tel: +49-941-630837-00  
info@flos-gmbh.de

**Distribution United Kingdom**

Atrium Ltd.  
28 Leonard Street  
EC2A 4BY London  
Tel +44 (0)20 7681 9933  
flos@atrium.ltd.uk

**Distribution Denmark**

Flos Scandinavia A/S  
Sydhavnsgade 28  
DK-2450 København SV  
Tel +45 (0) 3388 60 00  
info@flos.dk

**Distribution Norway**

Flos Norge A/S  
Drammensveien 120  
N-0277 Oslo  
Tel +47 (0) 2212 86 00  
info@flos.no

**Distribution The Netherlands**

Flos BV  
Cruquiusweg 109Q  
1019 AG Amsterdam  
Tel +31 (0) 20 560 50 60  
flosnetherlands@flos.com

**Distribution U. S. A.**

Flos USA Inc.  
110 York Street - 5th Floor  
Brooklyn, NY 11201  
Tel +1 (718) 875-3472  
info@flosusa.com

**Distribution Japan**

Flos Co., Ltd.  
PMC Building 9F  
1-23-5 Higashiazabu Minato-Ku  
Tokyo 104-0044  
Tel +81 (0) 3 35 82 14 68  
info@flosjapan.com

**Distribution Far East**

Flos Representative Office 1,  
Commonwealth Lane #08-12  
149544 Singapore  
Tel +65 (0) 6372 1495  
flosasia@flos.com

**Distribution China**

Flos illumination Shanghai Co Ltd  
Unit 101, Floor 1, Building B9  
No 800 of Chang De Road,  
Jing An District  
Shanghai 200040, China  
Tel +86-21-61176187  
floschina@flos.com

**Distribution Latin America**

Flos LatAm  
Tel: +54 9 11 6817 8543  
flos.latam@flos.com



**Showroom Milano**

Corso Monforte, 15  
20122 Milano  
Tel +39 02 79 84 57  
contract.milano@flos.com

**Showroom Copenhagen**

Sydhavns-gade 28  
DK-2450 København SV  
Tel +45 (0) 3388 60 00  
info@flos.dk

**Showroom Amsterdam**

Cruquiusweg 109Q  
1019 AG Amsterdam  
The Netherlands  
Tel +31 (0) 20 560 50 60  
info@flosmail.nl

**Showroom Oslo**

Drammensveien 120  
N-0277 Oslo  
Tel +47 (0) 2212 86 00  
info@flos.no

**Showroom Tokyo**

PMC Building 9F  
1-23-5 Higashiazabu Minato-Ku  
Tokyo 104-0044  
Tel +81 (0) 3 35 82 14 68  
info@flosjapan.com

**Showroom France**

Flos Projets  
20-22, passage Dauphine  
75006 Paris  
Tel +33 (0)1 40 64 17 44  
flos.projets@flos.com

**Flagship Store Milano**

Corso Monforte, 9 - 20122  
Tel +39 02 37011080  
flosmilano@flos.com

**Flagship Store Roma**

Via del Babuino, 85 - 00187  
Tel +39 06 3207631  
flosroma@flos.com

**Flagship Store Paris**

15, rue de Bourgogne - 75007  
Tel +33 (0)1 53 85 49 93  
shop@flos.fr

**Flagship Store Lyon**

17 rue Jarente - 69002  
Tel +33 478621301  
lyon@flos.fr

**Flagship Store Stockholm**

Karlaplan Lützengatan 1 - S-115-20  
Tel +46 (0) 8 660 4405  
info@flos.se

**Flagship Store New York**

152 Greene Street - NY 10012  
Tel +1 212 941 4760  
info@flosusa.com

Copyright © December 2019 by Ares S.r.l.

We are not responsible for printing errors, wrong dimensions, descriptions or technical data.  
The company reserves the right to amend all products herein detailed, any time and without prior notice.  
Unauthorized reproductions and copies are prohibited

[www.aresill.it](http://www.aresill.it)

