



ASTER Medium

PRO



PRO

8524311

ASTER Medium PRO - 1 COB LED 3000K 10°

Lighting information

Source power type	1 COB LED
Colour temperature	3000K
CRI	>80
MCADAMS	3
LM 80/TM-21	L80B10@>60Kh

Nominal flux	3280 lm
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Real flux	2230 lm
Maximum intensity	705 cd/klm
Beam angle	10°

	Min	Max
Current	450 mA	600 mA
Power	15,00 W	20,00 W

	Min	Max
Nominal flux	2395 lm	3130 lm
Real flux	1890 lm	2470 lm

Power Supply Unit	Max 600mA
Operating frequency	DC
Dimmable	PWM
Safety class	III
Wiring	External
Cable section	2 x 0,35 mm ²
Cable length	250 mm;
Cable type	SGF
Connector	IP67 male quick connector

Protection Rating	IP65 (total product)
Breaking Strength	IK 07

Energy efficiency class	A/A+/A++
Diffuser type	Transparent extra-clear glass
Diffuser thickness	4 mm

Colours

Standard colour

.02 White



Platek®

PLATEK s.r.l.
Via Paderno, 19 | 25050 Rodengo Saiano (BS) ITALY
P.IVA 03320290178 | Codice fiscale 03007130176
Registro delle Imprese di Brescia n. 03007130176 REA 311057
Capitale sociale Euro 1.000.000,00 i.v. Società con unico socio

Last update:30/03/2022



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Colours available on request

- .01 Black
- .06 Grey
- .07 Corten
- .08 Anthracite
- .09 Bronze

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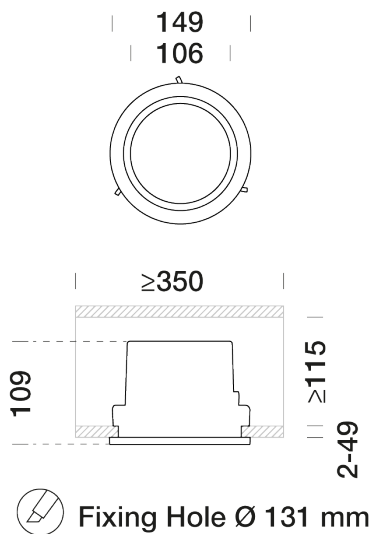
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Product features

Die-cast body and front locking trim manufactured aluminium alloy EN 44300 with very low copper content. Hi performance anodized aluminium reflectors (engineered internally). Subjected to galvanic anodizing treatment divided into distinct phases: mechanical satin finishing, surface degreasing, anodic oxidation and final sealing. The product is painted following a continuous two step paint process (epoxy-based primer + polyester-based colour finish), which allows to generate a single thick protective coating which then generates a protective barrier against atmospheric agents and UV rays. Available with integral or remote power supply unit.

Technical dimensions



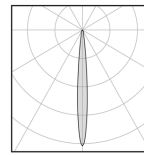
Technical shipping information

Net weight	0,90 kg
Gross weight	1,20 kg
Packaging width	250,00 mm
Packaging height	250,00 mm
Packaging depth	250,00 mm

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Real flux	2230 lm
Maximum intensity	705 cd/klm
Beam angle	10°

Lighting Simulation



Spot beam angle

simulation made with ASTER Medium PRO 3000K

Optics:	10°
Code:	8524311
Distance from wall:	0,20 m
Distance between products:	4 m
Wall height:	6 m
Height from wall:	6.0000 m

Real flux	2230 lm
Maximum intensity	705 cd/klm
Beam angle	10°

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Mechanical accessories

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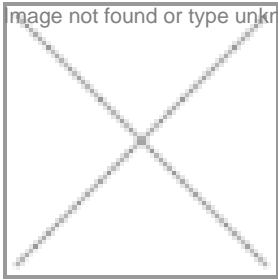


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8947075
Safety cable 3 m.



Electrical accessories



8956340
Power supply 150-500mA (10-42V DC - 21W) IP66
IP66 box consisting of: ON/OFF electronic power supply unit for LED, 220-240V 0/50/60Hz, pf> 0.95; technopolymer casing, with IP66 protection rating; 300 mm cable length with moulded IP67 female connector; complete with two PG13.5 cable glands, suitable for through wiring.



8956341
Power supply 300-1050mA (3-40V DC - 42W) IP66



8956344
Power supply DALI 150-700mA (9-52V DC - 26W) IP66
IP66 box consisting of: DALI electronic power supply unit for LED, 220-240V 0/50/60Hz, pf> 0.95; technopolymer casing, with IP66 protection rating; 300 mm cable length with moulded IP67 female connector; complete with two PG13.5 cable glands, suitable for through wiring.



8956349
Power supply CASAMBI 300-1050mA (10-36V DC - 38W) IP66
IP66 box consisting of: CASAMBI electronic power supply unit for LED, 220-240V 0/50/60Hz, pf> 0.95; technopolymer casing, with IP66 protection rating; 300 mm cable length with moulded IP67 female connector; complete with two PG13.5 cable glands, suitable for through wiring.



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The process of galvanisation and multi-coating protection

Platek goes well beyond the standards required for conventional protection processes, making use of its longstanding and in-depth expertise in aluminium alloys. All the aluminium components of the products - extruded, die-cast or turned - are subjected to a galvanic anodizing process in the phase following mechanical processing. The process increases their wear resistance and improves the adhesion of the paint. Galvanization involves three distinct phases: mechanical satin finishing and surface degreasing, anodic oxidation and fixing. After the first phase that eliminates any impurities, the aluminium body is immersed in special electrolytic tanks, in which the aluminium surface is transformed into aluminium oxide, which makes the metal more resistant. To respond optimally to the needs of the global market, all Platek products undergo a two-layer painting process. After preparation with washing and rinsing in accordance with the strictest environmental standards, the product is coated with an epoxy primer which guarantees, in addition to anodizing, an excellent degree of protection. The final step is the preparation of the polyester powder which gives the final velvety finish of the component. These last two phases, being done in a continuous cycle, form a single high-thickness layer that is resistant to the action of UV rays and atmospheric agents. This process allows corrosion resistance in salt fog that far exceeds the average standards of the market to be achieved.

Precise LED selection

All LEDS used by Platek, once assembled by trusted personnel are tested with suitable instruments to check the colour specification required by Platek standards. The choice of using only 3 McAdams colour steps and with a CRI value exceeding 90, provide a high level of light quality that is difficult to find in the world of outdoor lighting. As far as LED products are concerned, Platek has adopted a system of protection against electrostatic discharge along the entire production chain of electronic components to increase the resistance of circuits to power surges.