MEDIO FULL STAINLESS STEEL

8481311

MEDIO FULL STAINLESS STEEL - 9 LED 3000K 9°

Lighting information

Source power type	9 LED
Colour temperature	3000K
CRI	>80
MCADAMS	3
LM 80/TM-21	L80B10@>60Kh

Source power	14,00 W
Nominal flux	1710 lm

Plug-in power	15,00 W
Real flux	1480 lm
Maximum intensity	22770 cd/klm
Beam angle	9°
Tiltable	

Power Supply Unit	24V
Operating frequency	DC
Dimmable	Not dimmable
Safety class	III
Wiring	External
Cable section	2 x 2,50 mm^2
Cable length	5.000 mm;
Cable type	H07RN-F
Connector	To be ordered separately

Protection Rating	IP68 Full Dry (2m)
Breaking Strength	IK 10
Walk over	1.500 Kg

Energy efficiency class	A/A+/A++
Diffuser type	Transparent extra-clear glass
Diffuser thickness	10 mm

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

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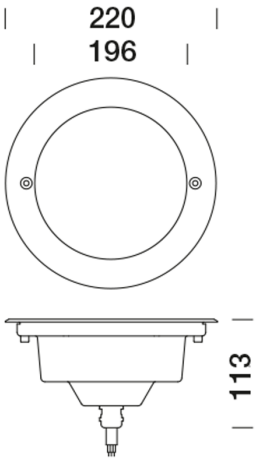
Product features

Body and front locking trim in AISI 316L stainless steel. IP68 Degree of protection with Full Dry system which avoids condensation inside the product. The Installation of the recessed housing in cast concrete with a 20-30 cm gravel soakaway. Only an IP68 connection to the power supply can guarantee the same protection to the fixture. Outer housing and connector to be ordered separately.

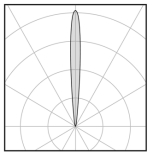
Technical dimensions



Technical shipping information

Net weight	3,40 kg
Gross weight	3,70 kg
Packaging width	250,00 mm
Packaging height	250,00 mm
Packaging depth	250,00 mm

Lighting information



Plug-in power	15,00 W
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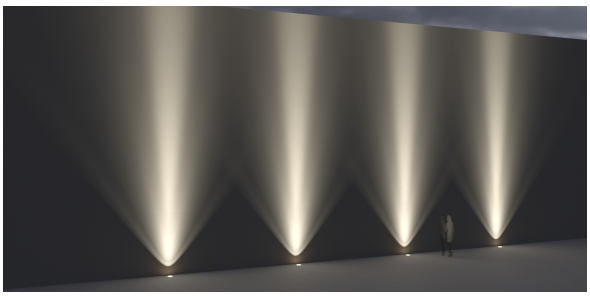
Lighting Simulation



Spot beam angle

simulation made with MEDIO FULL STAINLESS STEEL 15,0 W 3000K	
Optics:	9°
Code:	8481311
Distance from wall:	0,10 m
Distance between products:	5 m
Wall height:	10 m

Plug-in power	15,00 W
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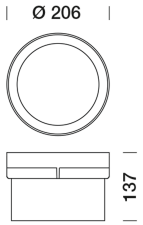
Mechanical accessories



8945029
Recessed box Ø 206 mm H. 140 mm

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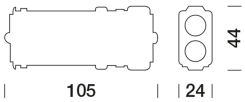
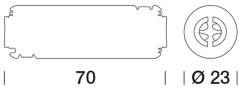
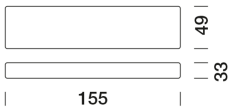
Electrical accessories



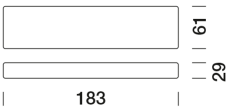
8917004
IP68 IN/OUT connector for 3x4 mm2 cable



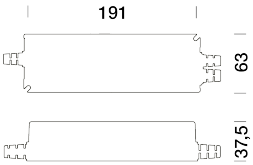
8917014
IP68 connector for 3x1,5 mm2 cable



8956127
IP67 Power supply (24V DC - 75W)



8956307
IP20 Power supply (24V DC - 75W)



8956313
Power supply DALI (24V DC - 120W) IP67

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The gluing process and plasma treatment

One of the most complex and delicate aspects in outdoor lighting products is the fitting of glass onto the lighting body. This must ensure over time an excellent degree of insulation from atmospheric agents, even in harsh environmental conditions, to maintain a stable performance with zero maintenance. The gluing process of the glass on Platek products is managed at an automated workstation, preceded by a pre-treatment of the surfaces with atmospheric pressure plasma. Pre-treatment modifies the characteristics and ionic properties of the treated surfaces, activates the polar materials at strategic points, removes any residue of detaching agents, such as silicones and oils with a precision microcleaning, favouring excellent wettability of the bonded surfaces and a stable seal in time. The gluing process of the glass with specific plasma treatment allows a bonding force four times greater than similar products to be obtained. The shaping of the surfaces is followed by the application of the silicone and the assembly of the glass onto the lighting body using an automated process that guarantees perfect sealing of the lamp.

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.