



Raygun



843201P1

Raygun 35 - 1 LED 3000K 13°

Lighting information

Source power type	1 LED
Colour temperature	3000K
CRI	>90
MCADAMS	2
LM 80/TM-21	L80B10@>60Kh

Source power	3,40 W
Nominal flux	215 lm
Real Power	54 lm/W

Plug-in power	3,40 W
Real flux	170 lm
Beam angle	13°

Power Supply Unit	24V
Operating frequency	DC
Dimmable	PWM
Safety class	III
Wiring	External
Cable section	2 x 0,50 mm ²
Cable length	5.000 mm;
Cable type	NS20 rubber
Connector	To be ordered separately

Protection Rating	IP68 Full Dry (2m)
Breaking Strength	IK08

Diffuser type	Transparent extra-clear glass
Diffuser thickness	6 mm



Platek

PLATEK s.r.l.
Via Paderno, 15/F | 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:03/04/2025

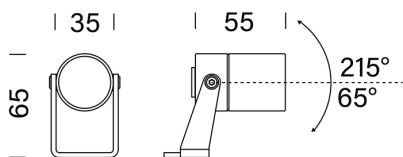


Raygun

Product features

Body, bracket, and closure flange made of AISI 316L stainless steel with with pickling and passivation treatment. Provided with surge protection electronics and protection against polarity reversal during wiring. Supplied with 5 meters of cable to be powered by a 24V constant voltage transformer, to be wired in parallel. A4 Stainless steel screws. The collection is available with a wide range of beams. Before fixing the diffuser on the Platek products a Pre-treatment using an atmospheric pressure plasma process is carried out on the surface. The process activates the ionic load on the surface exactly where it is needed, thus promoting the best silicone grip possible and removing any residual release of agents for a longer lasting seal. The next steps are the coating of silicone and the assembly of the diffuser on the lighting fixture, with an automated process to guarantee the perfect sealing of the lamp. IP68 protection with Full Dry system which avoids condensation inside the product.

Technical dimensions



Technical shipping information

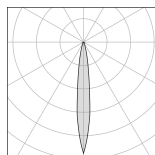
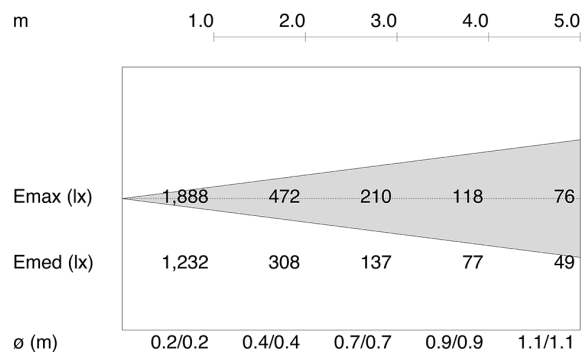
Net weight	0,45 kg
Gross weight	0,50 kg
Packaging width	145,00 mm
Packaging height	100,00 mm
Packaging depth	70,00 mm

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Grafico flusso / Potenza



Beam angle	13°
ULOR	0,00%
BUG	B0 U0 G0
N3	100,00%

Plug-in power	3,40 W
Real flux	170 lm
	54
Beam angle	13°

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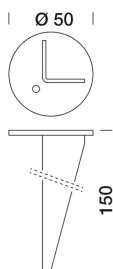



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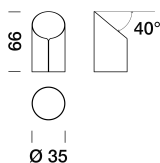
Mechanical accessories



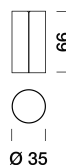

9005100
Stainless steel spike for floodlight




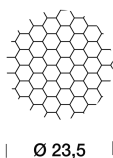

9005105
Anchor belt




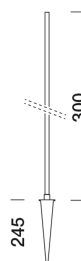

8935225
Stainless steel visor - Raygun 35




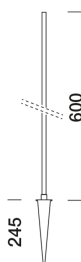

8935224
Stainless steel tube shield - Raygun 35




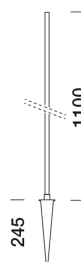

8918065
Honeycomb filter - Raygun 35





9005261
Stainless steel rod and spike h. 300 mm
Raygun 35/50/80




9005262
Stainless steel rod and spike h. 600 mm
Raygun 35/50/80




9005263
Stainless steel rod and spike h. 1100 mm
Raygun 35/50/80

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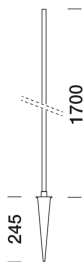


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Mechanical accessories



9005264
Stainless steel rod and spike h. 1700 mm
Raygun 35



9005106
Ring for tree application - Raygun 35 / 50 /
80

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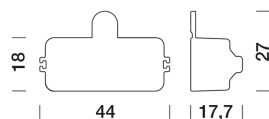


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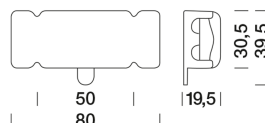
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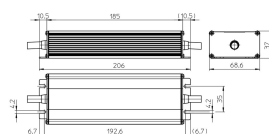
Electrical accessories



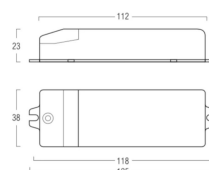
8917006
IP68 connector for 2x0,75 mm2 cable



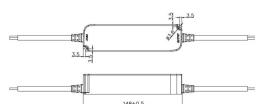
8917012
IP68 connector for 4x1,5 mm2 cable



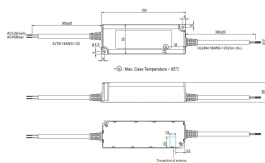
8956074
IP67 Power supply (24V DC - 150W)



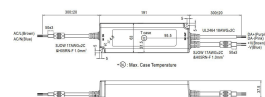
8956104
IP20 Power supply (24V DC - 30W)



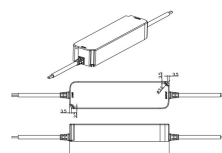
8956172
IP67 Power supply (24V DC - 40W)



8956021
Power supply DALI (24V DC - 60W) IP67



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



8956221
Power supply (24V DC - 100W) IP67

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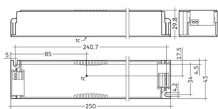


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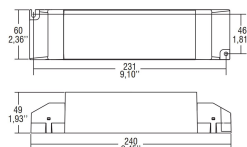
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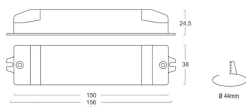
Electrical accessories



8956227
IP20 Power supply (24V DC - 100W)



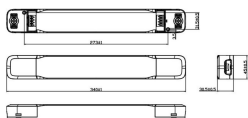
8956228
IP20 Power supply (24V DC - 150W)



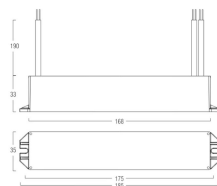
8956222
Power supply DALI (24V DC - 25W) IP20



8956223
Power supply DALI (24V DC - 75W) IP20



8956224
Power supply DALI (24V DC - 150W) IP20



8956226
Power supply DALI (24V DC - 25W) IP67

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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.

Electric and thermal protection

The final piece of the Platek puzzle is its scrupulous research into the reliability of its LED products. Precisely to cater for growing market demand Platek has introduced their own electrical protection PCBs, increasing their products resistance to electrostatic discharges and power surges. Furthermore, where possible, additional (NTC) thermal protections are used, which communicate with the power supplies, regulating the electric supply to the Platek LEDs so they operate at a suitable temperature.

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.

Notes pdf

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Full Inox

This material has high structural features that allow optimal combinations with other elements and great resistance to corrosion with little need for maintenance over time. Stainless steel is particularly suitable for exposure in aggressive environments, such as marine areas, cities with high pollution rates, chlorine-rich spaces and areas with elevated salt use during harsh Nordic winters.