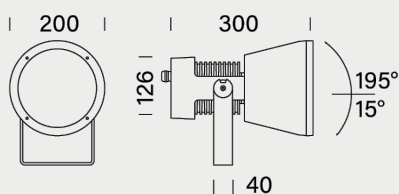




Technical dimensions



Finishes



.01 Nero



.08 Antracite

Finishes available upon request



.02
Bianco



.06
Grigio



.07
Corten



.09
Bronzo

Spring projector 18 LED - 2700K - RS 28°

Source power type	18 LED
Color temperature	2700K
CRI	≥80
MCADAMS	3
LM 80/TM-21	L80B10@>60Kh

System wattage	44,00 W
System lumen	3640 lm
Maximum intensity	3855 cd/klm
Beam angle	RS 28°

LED wattage	40,50 W
LED lumen	4500 lm

Power Supply	220 ÷ 240V
Operating frequency	0/50/60 Hz
Power factor	0,95
Dimming	DALI
Safety class	II
Wiring	External
Number and conductor size	4 x 1.0000 mm ²
Cable length	3000,00 mm
Cable type	H05RN-F
Connector	To be ordered separately

Protection Rating	IP65
Breaking Strength	IK06

Diffuser type	Serigraphed extra-clear glass
Diffuser thickness	5.0000 mm



A family of floodlights available in different sizes and power, white light or dynamic one, suitable to meet any requirement in the lighting design of outdoor environments. The design is strictly technical, but with charming hints. Double colour identifying and defining the various components of the projector, creating a connection between the volumes. Form and function are identified and perfect, defined by changes of surfaces and materials.

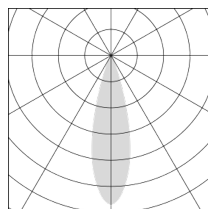
Certificates



Product features

Die-cast body and flange made of aluminium alloy with very low copper content. A4 Stainless steel screws. Graduated ferrule in AISI 304 stainless steel with double locking system for safe positioning. GORE® valve to prevent condensing. 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. 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.

Lighting information



Flow / Power Graph

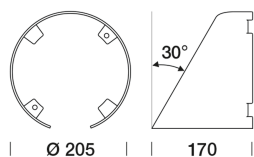
Beam angle	RS 28°
ULOR	0,00%
BUG	B3 U0 G0
N3	100,00%

System wattage	44,00 W
System lumen	3640 lm
Maximum intensity	3855 cd/klm

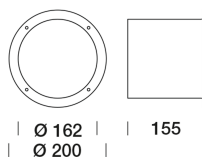
Technical shipping information

Net weight	5,45 kg
Gross weight	6,20 kg
Packaging width	400 mm
Packaging height	300 mm
Packaging depth	300 mm

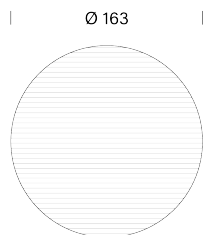
Mechanical accessories



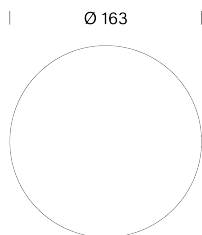
8905020
Visor Ø 205 mm (specify color code in order
.01 black)



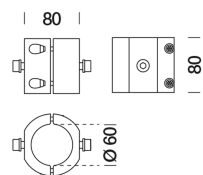
8905090
Anti-glare tube Ø 200 mm (specify color
code in order .01 black)



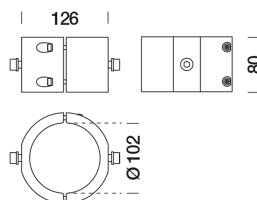
8918660
Elliptical filter



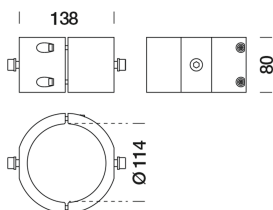
8918665
Sandblasted filter



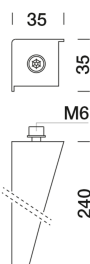
8951040
Pole mount Ø 60 mm for double projector
(specify color code in order)



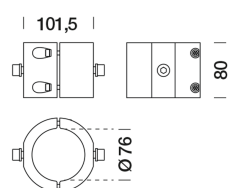
8951045
Pole mount Ø 102 mm for double projector
(specify color code in order)



8951050
Pole mount Ø 114 mm for double projector
(specify color code in order)



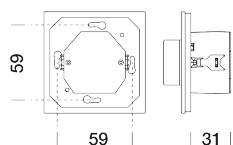
9005605
Stainless steel spike h 240 mm (specify
color code in order .06 grey)



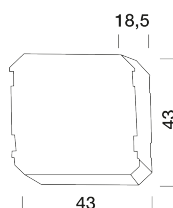
8951076

Pole mount Ø 76 mm for double projector
(specify color code in order)

Electrical accessories



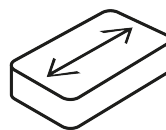
8956366
DALI rotary dimmer – max. 50 products
and/or power supplies



8956370
PUSH DALI converter – max. 35 products
and/or power supplies



8917022
IP68 connector for 5x1 mm² cable



8956371
MIDNIGHT DALI Converter – max. 35
products and/or power supplies

Optical legend

Reading guide for optical acronyms

RS - rotationally symmetric

EL - elliptical

DF - diffused

ST - street

AS / ASY - asymmetric

1-E - 1-emission

2-E - 2-emission

4-E - 4-emission

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.

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.