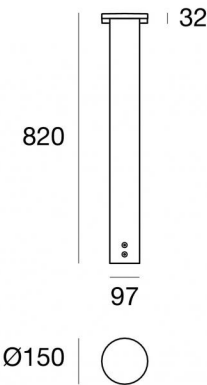


Bollard & Pole | 220-240 V AC /176-240 V DC
2 arrayLED 18 W DC - 20 W AC | CRI 80
64735N00



Technical data	
Type	Bollard
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Double Asymmetric
Light emission direction	downward
Nominal power	18 W DC
Total Power	20 W
Source lumens	2708 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP66
IK	IK09
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	Yes
Type of light emission	Double emission
Net weight	4.05 Kg
Electrostatic discharge protection	Yes
Surge protection	2 KV
Product technological characteristics	Acquastop

Finishing casing	
Material	Die-cast Aluminium EN AB - 46100
Colour	Grey
Processing	Open pore anodizing + Powder Coating
Finishing diffuser	
Material	UV Resistant Polycarbonate
Colour	opaline
Finishing base	
Material	Aluminium 6060
Colour	Grey
Processing	Open pore anodizing + Powder Coating

The driver contained in the device complies with IEC 61347-2-13 annex J, and can therefore be powered by centralized power systems.

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Base
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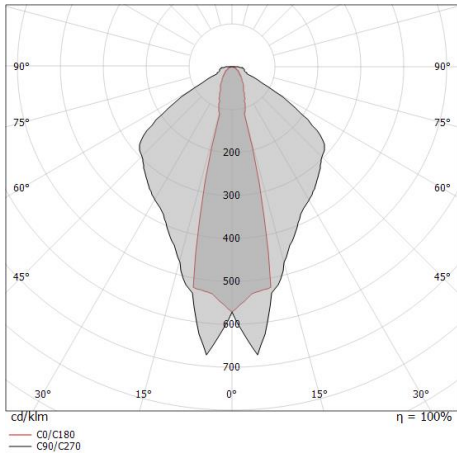
Double emission bollard & pole for outdoor application. The natural white LED light source with a double asymmetric light distribution is composed of 2 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 2708 lm, with a 150.4 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a grey finish, processed by means of open pore anodizing + powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP66; the total weight is of 4.05 kg.

The total absorbed power is 20 W.

The device features protection class II and can be floor-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.



Energy efficiency class

This product contains 2 light sources of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	50 %
Source lumens	2708 lm
Delivered lumens	1381 lm
Consumption	20 W
Luminaire efficacy	69 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra

Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

L70 B10 C0 252000h (at Tj 65 Ta 25)

OPTICAL

C90/C270 optics	71°
C0/C180 optics	26°
Light distribution simmetry	Symmetrical 2 assis



Ryo | Bollard & Pole | Accessories
64735N00



Picket - Stainless steel bolts with positioning template
Cover material: steel

Code
64758