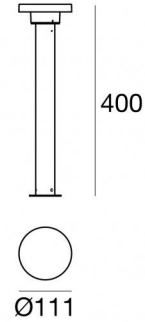




Bollard & Pole | 1 arrayLED 7 W AC 200-264 V AC | CRI 80  
**76870N00**



Technical data	
Type	Bollard
Installation position	Wall lights
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Asymmetric 360°
Nominal power	7 W AC
Source lumens	870 lm
Input voltage range	200-264V
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP65
IK	IK08
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Dimmable article	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.3 m
Resin potting	No
Type of light emission	Radial diffusion
Net weight	0.59 Kg
Electrostatic discharge protection	No
Surge protection	1.5 KV

Finishing casing	
Material	Die-cast Aluminium EN AB - 46100
Colour	grey RAL 7021
Processing	Powder coating

Finishing diffuser	
Material	UV Resistant Polycarbonate
Colour	transparent

Finishing mounting frame	
Material	UV Resistant Polycarbonate
Colour	grey RAL 7021
Processing	Liquid painting

Finishing base	
Material	AISI 316 steel
Colour	steel

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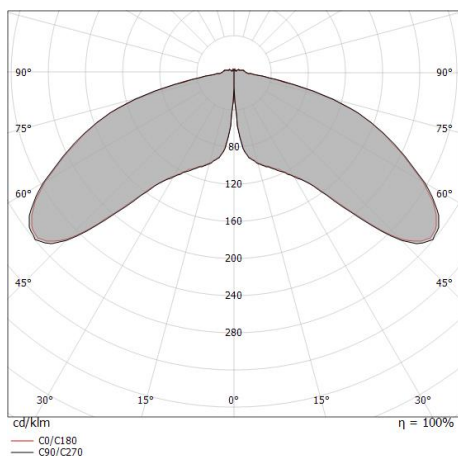
Radial diffusion bollard & pole for outdoor application. The natural white LED light source with a asymmetric 360° light distribution is composed of 1 arrayLEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 870 lm, with a 124.3 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a grey ral 7021 finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate; the mounting frame is made of uv resistant polycarbonate, with a grey ral 7021 finish, processed by means of liquid painting. The ingress protection degree is IP65; the total weight is of 0.59 kg.

The total absorbed power is 7 W. The power supply cable is included and features a 0.3 m length.

The device features protection class I and can be wall lights-mounted.

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



Distance [m]	Cone diameter [m]	E(0°) E(C0)	72.1°	0
0.5	3.10	E(0°) E(C0)	72.1°	0 5
1.0	6.19	E(0°) E(C0)	72.1°	0 1
1.5	9.29	E(0°) E(C0)	72.1°	0 1
2.0	12.38	E(0°) E(C0)	72.1°	0 0
2.5	15.48	E(0°) E(C0)	72.1°	0 0
3.0	18.58	E(0°) E(C0)	72.1°	0 0

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0/C180 (Half-peak divergence: 144.2°)

### Energy efficiency class

This product contains a light source of energy efficiency class E.

### Illuminotechnical Features

Light Output Ratio (LOR)	38 %
Source lumens	870 lm
Delivered lumens	339 lm
Consumption	7 W
Luminaire efficacy	48 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

### UGR

UGR axial	28.4
UGR transversal	28.4
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	144°
Light distribution simmetry	Symmetrical