

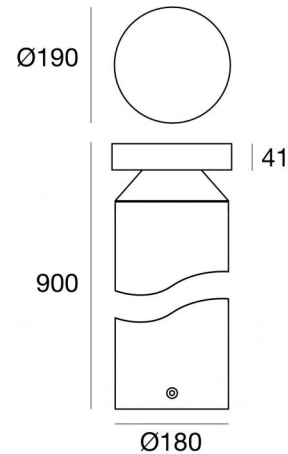
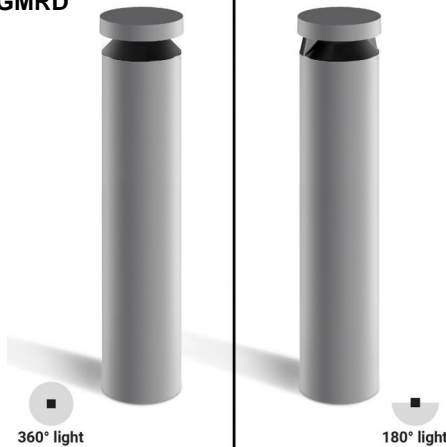
Buzzer Pro



Bollard & Pole | 99-264 V AC / 220-240 V DC
1 arrayLED 18 W DC - 20.5 W AC | CRI 80



C00021GGMRD



Technical data	
Type	Bollard
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Asymmetric 360°
Light emission direction	downward
Nominal power	18 W DC
Total Power	20.5 W
Source lumens	2907 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	99 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP65
IK	IK09
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI-2
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Radial diffusion
Net weight	5.78 Kg
Electrostatic discharge protection	Yes
Surge protection	4 KV

Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	Grey
Processing	Open pore anodizing + Powder Coating

Finishing diffuser

Material	UV Resistant Polycarbonate
Colour	transparent

Finishing base

Material	Die-cast Aluminium EN AB - 46100
Colour	Grey
Processing	Open pore anodizing + Powder Coating



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Base

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Radial diffusion bollard & pole for outdoor application. The super warm white LED light source with a asymmetric 360° light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 2907 lm, with a 161.5 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 IP65; the total weight is of 5.78 kg.

The total absorbed power is 20.5 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 a light source of energy efficiency class E.

Illuminotechnical Features

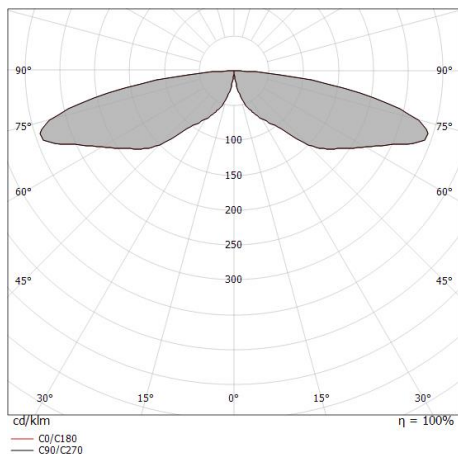
Light Output Ratio (LOR)	25 %
Source lumens	2907 lm
Delivered lumens	750 lm
Consumption	20.5 W
Luminaire efficacy	36 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

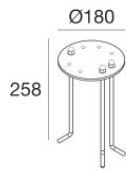
LED Life / Failure Ratio

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

OPTICAL

C0/C180 optics	163°
Light distribution simmetry	Symmetrical





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

Code

W-F900002