

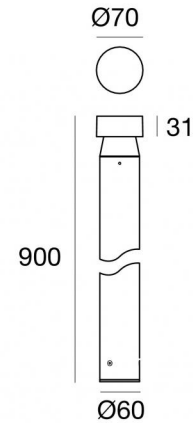
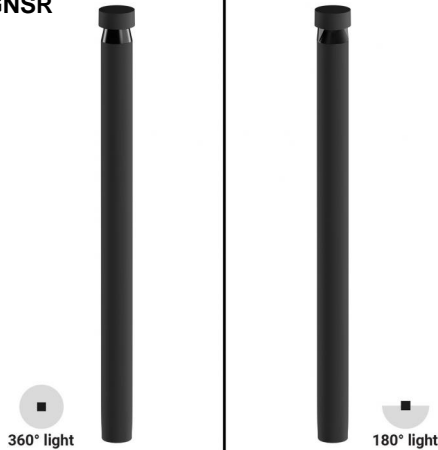
Buzzer Pro



Bollard & Pole | 198-264 V AC /180-275 V DC
1 arrayLED 6.5 W DC - 8.5 W AC | CRI 80



C00009BGNSR



Technical data	
Type	Bollard
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Asymmetric 180°
Light emission direction	downward
Nominal power	6.5 W DC
Total Power	8.5 W
Source lumens	990 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP65
IK	IK10
Glow wire test	850°
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	No
Type of light emission	Radial diffusion
Net weight	1.575 Kg
Electrostatic discharge protection	Yes
Surge protection	0.5 KV

Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	grey RAL 7021
Processing	Open pore anodizing + Powder Coating

Finishing diffuser

Material	UV Resistant Polycarbonate
Colour	transparent

Finishing base

Material	Galvanised Iron
Colour	grey RAL 7021



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Base

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Radial diffusion bollard & pole for outdoor application. The natural white LED light source with a asymmetric 180° light distribution is composed of 1 arrayLEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 990 lm, with a 152.3 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 open pore anodizing + powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP65; the total weight is of 1.575 kg.

The total absorbed power is 8.5 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

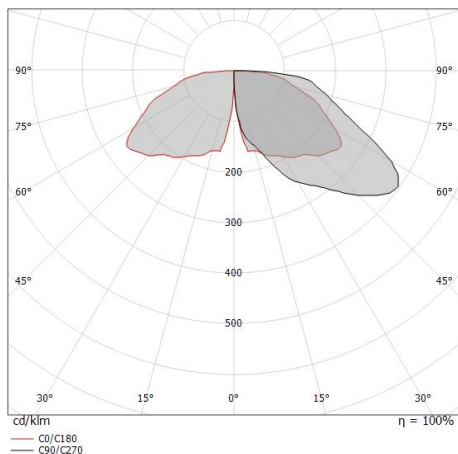
Light Output Ratio (LOR)	7 %
Source lumens	990 lm
Delivered lumens	71 lm
Consumption	8.5 W
Luminaire efficacy	8 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

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

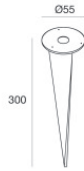
OPTICAL

C0/C180 optics	149°
Light distribution symmetry	Asymmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C0)	E(C90)
0.5	3.61		0	1	0
1.0	7.21		0	0	0
1.5	10.82		0	0	0
2.0	14.42		0	0	0
2.5	18.03		0	0	0
3.0	21.64		0	0	0

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0/C180 (Half-peak divergence: 149.0°)
 - - - C90/C270



Picket
Cover material: stainless steel

Code

W-F500001