

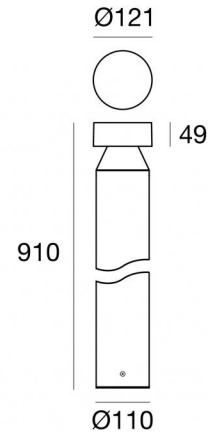
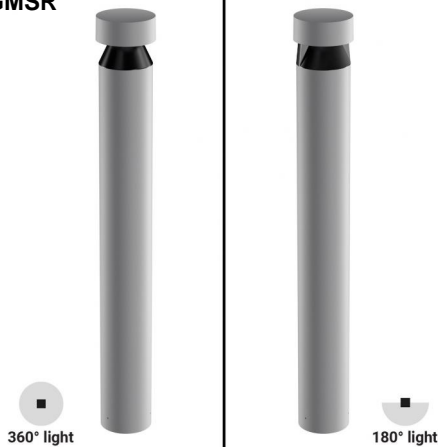
# Buzzer Pro



Bollard & Pole | 99-264 V AC /220-240 V DC  
1 arrayLED 9.3 W DC - 11 W AC | CRI 80



## C00016GGMSR



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	9.3 W DC
Total Power	11 W
Source lumens	1265 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	2.3 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

**C00016GGMSR**

Radial diffusion bollard & pole for outdoor application. The super warm white LED light source with a asymmetric 180° light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1265 lm, with a 136.0 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 2.3 kg.

The total absorbed power is 11 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

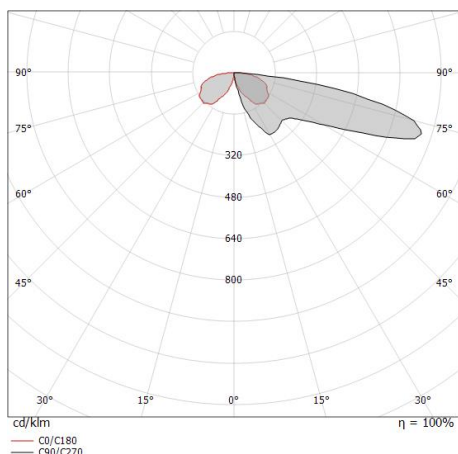
Light Output Ratio (LOR)	9 %
Source lumens	1265 lm
Delivered lumens	123 lm
Consumption	11 W
Luminaire efficacy	11 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

### LED Life / Failure Ratio

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

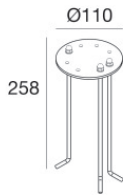
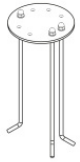
### OPTICAL

C0/C180 optics	161°
Light distribution symmetry	Asymmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	5.85	E(0°) E(C0) 80.3° 0 0
1.0	11.70	E(0°) E(C0) 80.3° 0 0
1.5	17.55	E(0°) E(C0) 80.3° 0 0
2.0	23.40	E(0°) E(C0) 80.3° 0 0
2.5	29.25	E(0°) E(C0) 80.3° 0 0
3.0	35.10	E(0°) E(C0) 80.3° 0 0

Distance [m] Cone diameter [m] Illuminance [lx]  
C0/C180 (Half-peak divergence: 160.6°)



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

**Code**

W-F900001