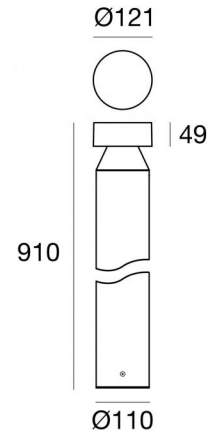
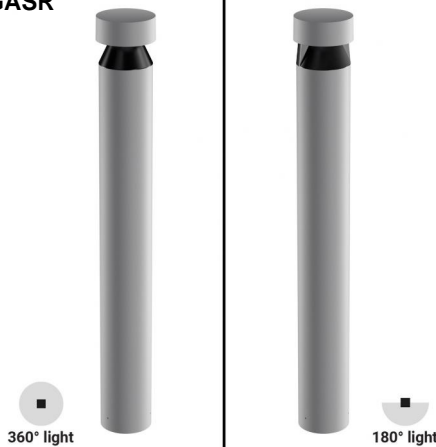


# Buzzer Pro



Bollard & Pole | 198-264 V  
1 arrayLED 9.3 W DC - 11 W AC | CRI 80  
**C00013GGASR**



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	1011 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	2200 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	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	2.3 Kg
Electrostatic discharge protection	Yes
Surge protection	1 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



Bollard & Pole | 198-264 V | 1 arrayLED 9.3 W DC - 11 W AC | CRI 80 | Base  
**C00013GGASR**

Radial diffusion bollard & pole for outdoor application. The ancient white LED light source with a asymmetric 180° light distribution is composed of 1 arrayed LEDs with CCT of 2200 K and a CRI 80; the source luminous flux is 1011 lm, with a 108.7 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 F.

### Illuminotechnical Features

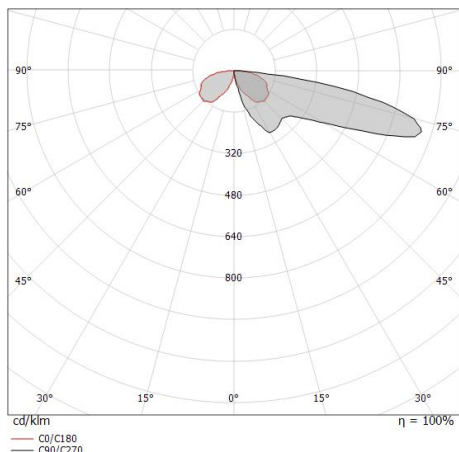
Light Output Ratio (LOR)	10 %
Source lumens	1011 lm
Delivered lumens	104 lm
Consumption	11 W
Luminaire efficacy	9 lm/W
Colour temperature	2200 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

### LED Life / Failure Ratio

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

### OPTICAL

C0/C180 optics	161°
Light distribution symmetry	Asymmetrical



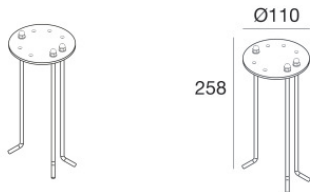
Distance [m]	Cone diameter [m]	E(0°)	E(C0)	E(C90)
0.5	5.85	0	80.3°	0
1.0	11.70	0	80.3°	0
1.5	17.55	0	80.3°	0
2.0	23.40	0	80.3°	0
2.5	29.25	0	80.3°	0
3.0	35.10	0	80.3°	0

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

— C0/C180 (Half-peak divergence: 160.6°)



Buzzer Pro | Bollard & Pole | Accessories  
**C00013GGASR**



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

**Code**

W-F900001