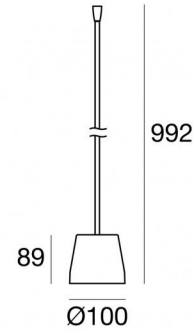




Bollard & Pole | 180-264 V AC /230-280 V DC  
1 x powerLED 1.5 W DC - 1.8 W AC | CRI 90  
**83875W00**



Technical data	
Type	Bollard
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Diffused
Light emission direction	frontal
Nominal power	1.5 W DC
Total Power	1.8 W
Source lumens	181 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	180 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP65
IK	IK08
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	Swivelling by means of flexible tube
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.35 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV

Finishing casing	
Colour	brown

Finishing diffuser	
Material	Silicone resin
Colour	Opal white

Finishing base	
Material	ABS Plastic
Colour	brown
Processing	Coating

The driver contained in the device complies with IEC 61347-2-13 annex J, and can therefore be powered by centralized power systems.

Bollard & Pole | 180-264 V AC /230-280 V DC | 1 x powerLED 1.5 W DC - 1.8 W AC | CRI 90 | Base  
**83875W00**

Single emission bollard & pole for outdoor application. The warm white LED light source with a diffused light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 181 lm, with a 120.7 lm/W nominal luminous efficacy.

The device body and features a brown finish; the diffuser is made of silicone resin. The ingress protection degree is IP65; the total weight is of 0.35 kg.

The total absorbed power is 1.8 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)	20 %
Source lumens	181 lm
Delivered lumens	37 lm
Consumption	1.8 W
Luminaire efficacy	20 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	90 Ra
Standard Operating Ambient Temperature	-20 / +50°C

### LED Life / Failure Ratio

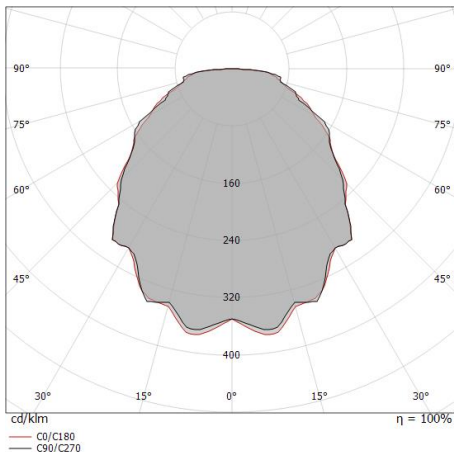
L70 B20 C0 214455h (at Tj 60 Ta 25 )

### UGR

UGR axial	34.9
UGR transversal	34.8
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	99°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.18 1.17	E(0°) 51 E(C90) 49.8° 7 E(C0) 49.4° 8
1.0	2.37 2.33	E(0°) 13 E(C90) 49.8° 2 E(C0) 49.4° 2
1.5	3.55 3.50	E(0°) 6 E(C90) 49.8° 1 E(C0) 49.4° 1
2.0	4.73 4.67	E(0°) 3 E(C90) 49.8° 0 E(C0) 49.4° 0
2.5	5.92 5.83	E(0°) 2 E(C90) 49.8° 0 E(C0) 49.4° 0
3.0	7.10 7.00	E(0°) 1 E(C90) 49.8° 0 E(C0) 49.4° 0

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

— C0/C180 (Half-peak divergence: 98.8°)  
 - - C90/C270 (Half-peak divergence: 99.6°)

Blum | Bollard & Pole | Accessories  
**83875W00**



Picket  
installation position: land,Cover material: pc

**Code**  
14931