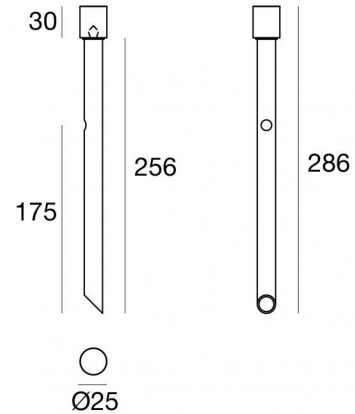


Bollard & Pole | 1 x powerLED 1 W DC 24 V
CRI 80
83763M00



Technical data	
Type	Bollard
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Diffused
Light emission direction	external
Nominal power	1 W DC
Source lumens	98 lm
Input voltage range	24 V
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP65
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
C.V. - C.C. Converter	Converter 24V included
Dimmable article	DALI - 1-10V
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	5 m
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.2 Kg
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	Acquastop

Finishing casing

Material	AISI 304 steel
Colour	steel

Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent

Electronics

89488
On/Off Driver 190~250V AC / 180~275V DC 14.4 W

89179
On/Off Driver 198~264V AC 24 W

89359
On/Off Driver 198~264V AC / 180~275V DC 48 W

99332
1-10V Controller

83333
Push and Simply Dim - DALI-2 Controller

Bollard & Pole | 1 x powerLED 1 W DC 24 V | CRI 80 | Base 83763M00

Single emission bollard & pole for outdoor application. The super warm white LED light source with a diffused light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 98 lm, with a 98.0 lm/W nominal luminous efficacy.

The device body is made of aisi 304 steel and features a steel finish; the diffuser is made of extra clear glass - tempered. The ingress protection degree is IP65; the total weight is of 0.2 kg.

The total absorbed power is 1 W. The power supply cable is included and features a 5 m length.

The device features protection class III 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)	68 %
Source lumens	98 lm
Delivered lumens	67 lm
Consumption	1,0 W
Luminaire efficacy	67 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	1/16 ANSI BIN
Colour rendering index	80 Ra

Standard Operating Ambient Temperature	-20 +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

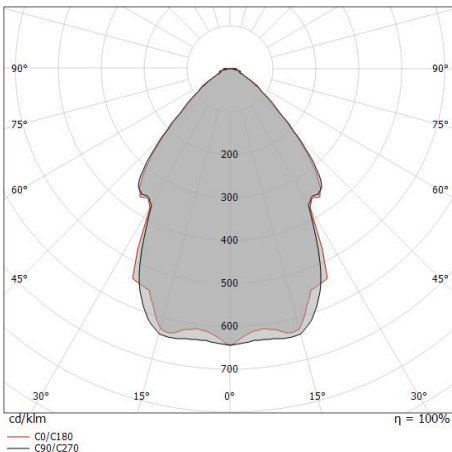
L70 B10 C0 197960h (at Tj 60 Ta 25)

UGR

UGR axial	23.9
UGR transversal	23.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	78°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.84 0.81	E(0°) 171 E(C90) 40.0° 39 E(C0) 39.0° 40
1.0	1.68 1.62	E(0°) 43 E(C90) 40.0° 10 E(C0) 39.0° 10
1.5	2.52 2.43	E(0°) 19 E(C90) 40.0° 4 E(C0) 39.0° 4
2.0	3.36 3.24	E(0°) 11 E(C90) 40.0° 2 E(C0) 39.0° 3
2.5	4.20 4.05	E(0°) 7 E(C90) 40.0° 2 E(C0) 39.0° 2
3.0	5.03 4.86	E(0°) 5 E(C90) 40.0° 1 E(C0) 39.0° 1

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 78.0°)
- - C90/C270 (Half-peak divergence: 80.0°)