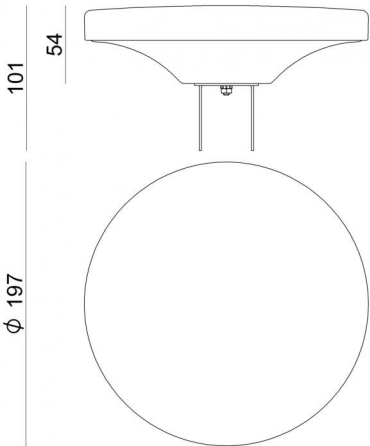


Bollard & Pole | 220-240 V
18 topLED 12 W DC - 12 W AC | CRI 80
8660



Technical data	
Type	Bollard
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Optics	Diffused
Light emission direction	downward
Nominal power	12 W DC
Total Power	12 W
Source lumens	1350 lm
Voltage	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	3000 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	Yes
Cable length	0.3 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.720 Kg
Electrostatic discharge protection	No
Surge protection	No



Finishing casing	
Material	PC
Colour	black

Finishing diffuser	
Material	PE
Colour	neutral

Bollard & Pole | 220-240 V | 18 topLED 12 W DC - 12 W AC | CRI 80 | Base 8660

Single emission bollard & pole for outdoor application. The warm white LED light source with a diffused light distribution is composed of 18 topped LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1350 lm, with a 112.5 lm/W nominal luminous efficacy.

The device body is made of PC and features a black finish; the diffuser is made of pe. The ingress protection degree is IP65; the total weight is of 0.720 kg.

The total absorbed power is 12 W. The power supply cable is included and features a 0.3 m length.

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)	71 %
Source lumens	1350 lm
Delivered lumens	970 lm
Consumption	12 W
Luminaire efficacy	80 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Junction temperature (lighting fixture)	80

Standard Operating Ambient Temperature	-20 / +50°C
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LED Life / Failure Ratio

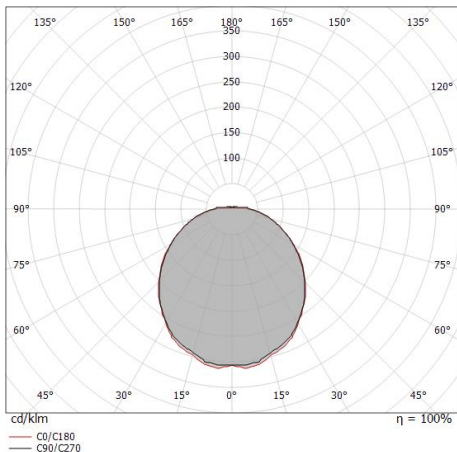
L70 B20 C0 72500h

UGR

UGR axial	22
UGR transversal	22
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	112°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.51 1.49	E(0°) 1185 E(C90) 100 E(C0) 106
1.0	3.02 2.98	E(0°) 296 E(C90) 25 E(C0) 26
1.5	4.53 4.46	E(0°) 132 E(C90) 11 E(C0) 12
2.0	6.04 5.95	E(0°) 74 E(C90) 6 E(C0) 7
2.5	7.55 7.44	E(0°) 47 E(C90) 4 E(C0) 4
3.0	9.07 8.93	E(0°) 33 E(C90) 3 E(C0) 3

— C0/C180 (Half-peak divergence: 112.2°)
— C90/C270 (Half-peak divergence: 113.0°)

MyWhite_Bond | Bollard & Pole | Accessories
8660



Connector
Section 2.5 mm²; colors: black.

Code
KIT0083