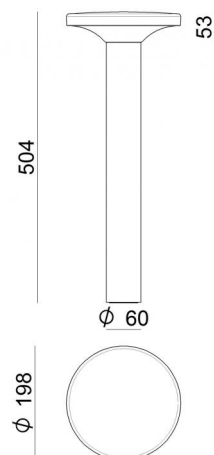




Bollard & Pole | 220-240 V
18 topLED 12 W DC - 12 W AC | CRI 80

8666



Technical data	
Type	Bollard
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
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	No
Resin potting	No
Type of light emission	Single emission
Net weight	1.020 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	PC
Colour	black RAL 9005
Processing	Satin finishing

Finishing diffuser

Material	PE
Colour	neutral

Finishing mounting frame

Material	BayBlend
Colour	black
Processing	Satin finishing



Bollard & Pole | 220-240 V | 18 topLED 12 W DC - 12 W AC | CRI 80 | Base
8666

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 ral 9005 finish, processed by means of satin finishing; the diffuser is made of pe; the mounting frame is made of bayblend, with a black finish, processed by means of satin finishing. The ingress protection degree is IP65; the total weight is of 1.020 kg.

The total absorbed power is 12 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)	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

LED Life / Failure Ratio

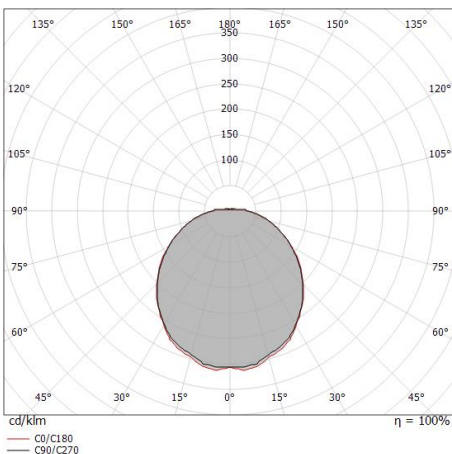
L70 B20 C0 72500h

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	E(0°) 1185
	1.49	E(C90) 56.5° 100
		E(C0) 56.1° 106
1.0	3.02	E(0°) 296
	2.98	E(C90) 56.5° 25
		E(C0) 56.1° 26
1.5	4.53	E(0°) 132
	4.46	E(C90) 56.5° 11
		E(C0) 56.1° 12
2.0	6.04	E(0°) 74
	5.95	E(C90) 56.5° 6
		E(C0) 56.1° 7
2.5	7.55	E(0°) 47
	7.44	E(C90) 56.5° 4
		E(C0) 56.1° 4
3.0	9.07	E(0°) 33
	8.93	E(C90) 56.5° 3
		E(C0) 56.1° 3



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Pegs - peg for ground mounting

Code

14937