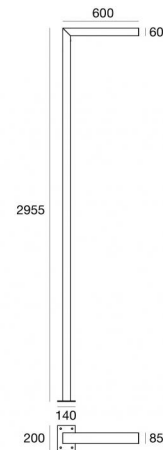




Bollard & Pole | 180-264 V AC /254-370 V DC
30 topLED 20 W DC - 21 W AC | CRI 80
63445N00



Technical data	
Type	Pole
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	20 W DC
Total Power	21 W
Source lumens	2460 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	180 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP65
IK	IK08
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	14,2 Kg
Electrostatic discharge protection	Yes
Surge protection	3 KV
Optics technology	Dot free

Finishing casing

Material	Aluminium 6060
Colour	Grey
Processing	Open pore anodizing + Powder Coating

Finishing diffuser

Material	UV Resistant Polycarbonate
Colour	opaline

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 /254-370 V DC | 30 topLED 20 W DC - 21 W AC | CRI 80 | Base
63445N00

Single emission bollard & pole for outdoor application. The natural white LED light source with a diffused light distribution is composed of 30 topped LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 2460 lm, with a 123.0 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 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 absorbed power is 21 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 C.

Illuminotechnical Features

Light Output Ratio (LOR)	34 %
Source lumens	2460 lm
Delivered lumens	841 lm
Consumption	21 W
Luminaire efficacy	40 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C

LED Life / Failure Ratio

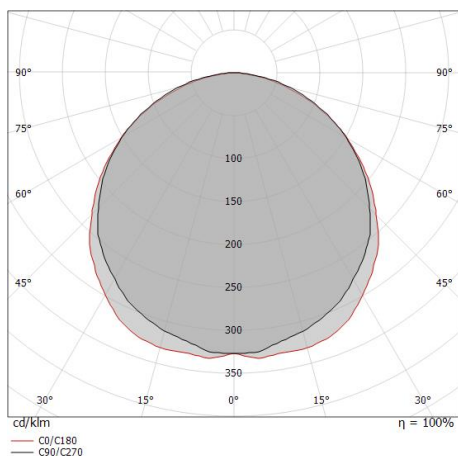
L70 B10 C0 145770h (at Tj 65 Ta 25)

UGR

UGR axial	24.4
UGR transversal	23.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	115°
Light distribution simmetry	Symmetrical

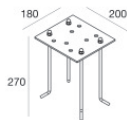


Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.58 1.56	E(0°) 1099 E(C90) 85 E(C0) 89
1.0	3.15 3.12	E(0°) 275 E(C90) 21 E(C0) 22
1.5	4.73 4.67	E(0°) 122 E(C90) 9 E(C0) 10
2.0	6.30 6.23	E(0°) 69 E(C90) 5 E(C0) 6
2.5	7.88 7.79	E(0°) 44 E(C90) 3 E(C0) 4
3.0	9.45 9.35	E(0°) 31 E(C90) 2 E(C0) 2

— C0/C180 (Half-peak divergence: 114.6°)
 — C90/C270 (Half-peak divergence: 115.2°)



Stalk | Bollard & Pole | Accessories
63445N00



Fixing tie rods

Code

53890