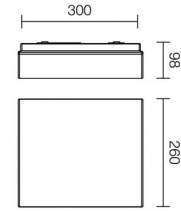




Ceiling Downlights | 220-240 V
1 topLED 9 W DC - 11 W AC | CRI 85
7889



Technical data	
Construction year	2017
Type	Surface
Installation position	Wall lights - Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward and upward
Nominal power	9 W DC
Total Power	11 W
Source lumens	1175 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	3000 K
Colour rendering index	85 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP65
IK	IK06
Glow wire test	650°
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	Double emission
Net weight	1.030 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Material	PE
Colour	neutral

Finishing diffuser

Material	PE
Colour	translucent

Finishing mounting frame

Material	PC
Colour	white

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



Ceiling Downlights | 220-240 V | 1 topLED 9 W DC - 11 W AC | CRI 85 | Base 7889

Double emission ceiling downlights for outdoor application. The warm white LED light source with a diffused light distribution is composed of 54 topped LEDs with CCT of 3000 K and a CRI 85; the source luminous flux is 1175 lm, with a 130.6 lm/W nominal luminous efficacy.

The device body is made of pe and features a neutral finish; the diffuser is made of pe; the mounting frame is made of PC, with a white finish. The ingress protection degree is IP65; the total weight is of 1.030 kg.

The total absorbed power is 11 W.

The device features protection class II and can be wall lights or ceiling-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)	78 %
Source lumens	1175 lm
Delivered lumens	922 lm
Consumption	11 W
Luminaire efficacy	83 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	85 Ra
Junction temperature (lighting fixture)	80

Standard Operating Ambient Temperature -20 / +50°C

LED Life / Failure Ratio

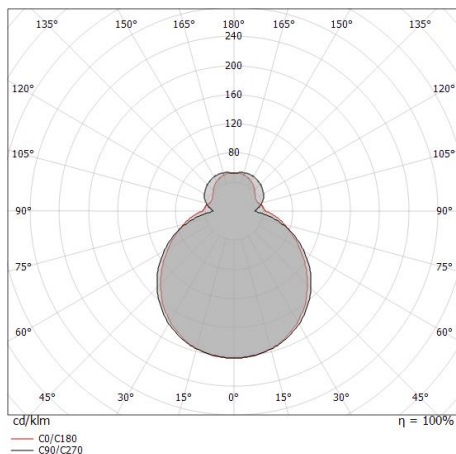
L70 B20 C0 72500h

UGR

UGR axial	20.1
UGR transversal	20.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	127°
C0/C180 optics	123°
Light distribution symmetry	Symmetrical 2 axis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	2.02 1.85	E(0°) 745 E(C90) 32 E(C0) 40
1.0	4.05 3.70	E(0°) 186 E(C90) 8 E(C0) 10
1.5	6.07 5.55	E(0°) 83 E(C90) 4 E(C0) 4
2.0	8.09 7.40	E(0°) 47 E(C90) 2 E(C0) 3
2.5	10.12 9.25	E(0°) 30 E(C90) 1 E(C0) 2
3.0	12.14 11.10	E(0°) 21 E(C90) 1 E(C0) 1

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

— C0/C180 (Half-peak divergence: 123.2°)
— C90/C270 (Half-peak divergence: 127.4°)