



Ceiling Lights | 220-240 V | topLED 12 W 300 mA | CRI 80  
8286



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Optics	General Lighting
Light emission direction	downward
Power	12 W
Source lumens	1350 lm
Frequency	60 - 50 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
Safety class	1
IP	IP40
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
ETL	No
Fire Rated (BS 476 PT21 compliant)	No
Driver included	Driver
Induction	No
Emergency mode	No
Motion sensor	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	0.8 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Iron - Iron
Colour	White RAL 9003 - copper
Processing	Coating - Coating

Finishing diffuser	
Material	PMMA
Colour	opaline



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Single emission ceiling lights for indoor application. The warm white LED light source with a general lighting light distribution is composed of 1 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 iron and features a white ral 9003 finish, processed by means of coating. The device body is made of iron and features a copper finish, processed by means of coating; the diffuser is made of pmma. The ingress protection degree is IP40; the total weight is of 0.8 kg.

The total absorbed power is 12 W.

The device features protection class I and can be wall lights or ceiling-mounted.

### Illuminotechnical Features

Light Output Ratio (LOR)	60 %
Source lumens	1350 lm
Delivered lumens	823.23 lm
Consumption	12 W
Luminaire efficacy	68 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra

### LED Life / Failure Ratio

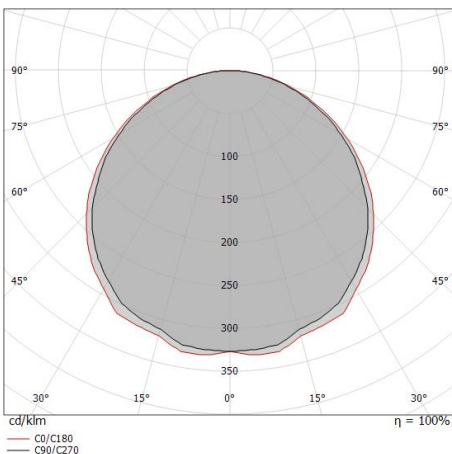
L70 B20 C0 72.5h
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### UGR

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

### OPTICAL

Light distribution simmetry	Symmetrical
C0/C180 optics	115°



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	1.56 1.63	1076 84 79	57.4°	58.4°	58.4°
1.0	3.13 3.25	269 21 20	57.4°	58.4°	58.4°
1.5	4.69 4.88	120 9 9	57.4°	58.4°	58.4°
2.0	6.25 6.50	67 5 5	57.4°	58.4°	58.4°
2.5	7.82 8.13	43 3 3	57.4°	58.4°	58.4°
3.0	9.38 9.75	30 2 2	57.4°	58.4°	58.4°

— C0/C180 (Half-peak divergence: 116.8°)  
 — C90/C270 (Half-peak divergence: 114.8°)