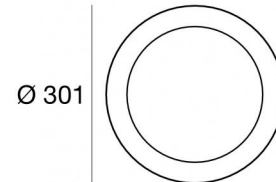
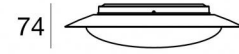




Ceiling Lights | 220-240 V
18 topLED 11 W DC - 12 W AC | CRI 80
8270



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Optics	Diffused
Light emission direction	downward
Nominal power	11 W DC
Total Power	12 W
Source lumens	1253 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	1
IP	IP40
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	Single emission
Net weight	0.65 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Iron
Colour	Embossed white RAL 9003
Processing	Coating

Finishing diffuser	
Material	PMMA
Colour	opaline



Ceiling Lights | 220-240 V | 18 topLED 11 W DC - 12 W AC | CRI 80 | Base 8270

Single emission ceiling lights for indoor application. The warm white LED light source with a diffused light distribution is composed of 18 topLED LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1253 lm, with a 113.9 lm/W nominal luminous efficacy.

The device body is made of iron and features a embossed white ral 9003 finish, processed by means of coating; the diffuser is made of pmma. The ingress protection degree is IP40; the total weight is of 0.65 kg.

The total absorbed power is 12 W.

The device features protection class I 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 F.

Illuminotechnical Features

Light Output Ratio (LOR)	71 %
Source lumens	1253 lm
Delivered lumens	900 lm
Consumption	12 W
Luminaire efficacy	75 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 25°C

LED Life / Failure Ratio

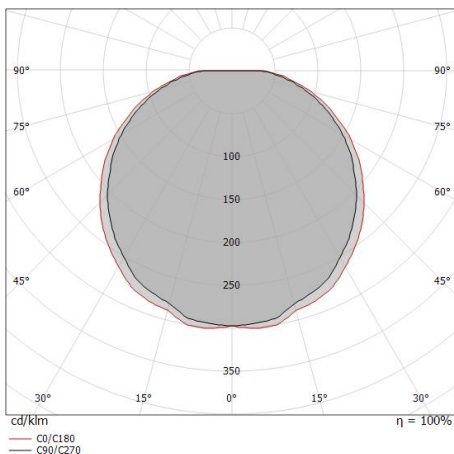
L70 B20 C0 72500h

UGR

UGR axial	20.9
UGR transversal	21.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

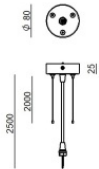
OPTICAL

C90/C270 optics	120°
C0/C180 optics	124°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.74 1.89	E(0°) 1070 E(C90) 66 E(C0) 56
1.0	3.48 3.78	E(0°) 267 E(C90) 17 E(C0) 14
1.5	5.22 5.67	E(0°) 119 E(C90) 7 E(C0) 6
2.0	6.96 7.55	E(0°) 67 E(C90) 4 E(C0) 3
2.5	8.70 9.44	E(0°) 43 E(C90) 3 E(C0) 2
3.0	10.43 11.33	E(0°) 30 E(C90) 2 E(C0) 2

— C0/C180 (Half-peak divergence: 124.2°)
— C90/C270 (Half-peak divergence: 120.2°)

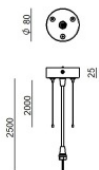


Fixing base

Material:Iron, colour:Embossed white RAL 9003, processing:Coating.

Code

KIT0120



Fixing base

Material:Iron, colour:Embossed black RAL 9005, processing:Coating.

Code

KIT0121