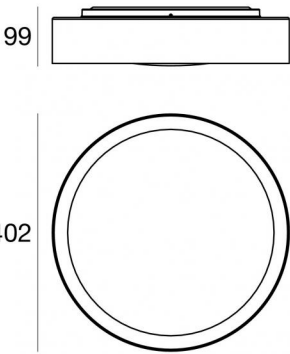




Ceiling Lights | 220-240 V  
1 topLED 21 W DC - 22 W AC | CRI 80  
8301



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Optics	Diffused
Light emission direction	downward
Nominal power	21 W DC
Total Power	22 W
Source lumens	2460 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	1.7 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Iron - Iron
Colour	Embossed white RAL 9003 - black RAL 9005
Processing	Coating - Coating

Finishing diffuser	
Material	PMMA
Colour	opaline



Ceiling Lights | 220-240 V | 1 topLED 21 W DC - 22 W AC | CRI 80 | Base 8301

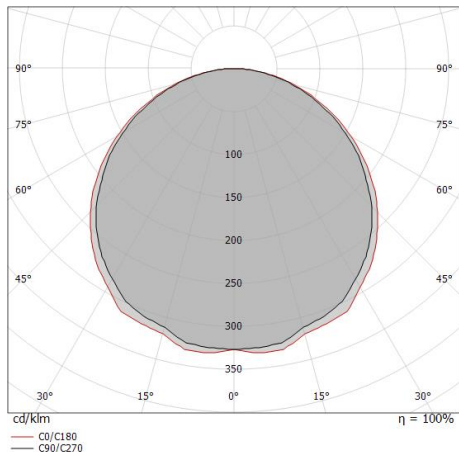
Single emission ceiling lights for indoor application. The warm white LED light source with a diffused light distribution is composed of 1 topped LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 2460 lm, with a 117.1 lm/W nominal luminous efficacy.

The device body is made of iron and features a embossed white ral 9003 finish, processed by means of coating The device body is made of iron and features a black ral 9005 finish, processed by means of coating; the diffuser is made of pmma. The ingress protection degree is IP40; the total weight is of 1.7 kg.

The total absorbed power is 22 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.



0.5	1.56 1.63	E(0°) E(C90) E(C0)	57.4° 58.4°	2153 169 158
1.0	3.13 3.25	E(0°) E(C90) E(C0)	57.4° 58.4°	538 42 40
1.5	4.69 4.88	E(0°) E(C90) E(C0)	57.4° 58.4°	239 19 18
2.0	6.25 6.50	E(0°) E(C90) E(C0)	57.4° 58.4°	135 11 10
2.5	7.82 8.13	E(0°) E(C90) E(C0)	57.4° 58.4°	86 7 6
3.0	9.38 9.75	E(0°) E(C90) E(C0)	57.4° 58.4°	60 5 4

Distance [m]      Cone diameter [m]      Illuminance [lx]

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

Energy efficiency class

This product contains a light source of energy efficiency class F.

Illuminotechnical Features

Light Output Ratio (LOR)	66 %
Source lumens	2460 lm
Delivered lumens	1648 lm
Consumption	22 W
Luminaire efficacy	74 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

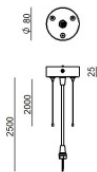
L70 B20 C0 72500h

UGR

UGR axial	19
UGR transversal	19.2
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

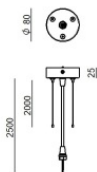
OPTICAL

C0/C180 optics	115°
Light distribution simmetry	Symmetrical



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