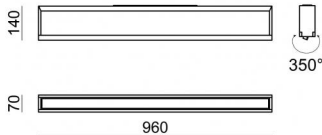




Ceiling Lights | 220-240 V
108 topLED 24 W DC - 24 W AC | CRI 80
7596



Technical data	
Construction year	2016
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	Diffused
Light emission direction	downward
Nominal power	24 W DC
Total Power	24 W
Source lumens	3317 lm
Voltage	220 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP40
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	Swivelling
total angle (vertical plane)	0 °
total angle (horizontal plane)	350 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	3.7 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing	
Material	Aluminium
Colour	Embossed black RAL 9005
Processing	Coating

Finishing diffuser	
Material	PC
Colour	opaline

Ceiling Lights | 220-240 V | 108 topLED 24 W DC - 24 W AC | CRI 80 | Base 7596

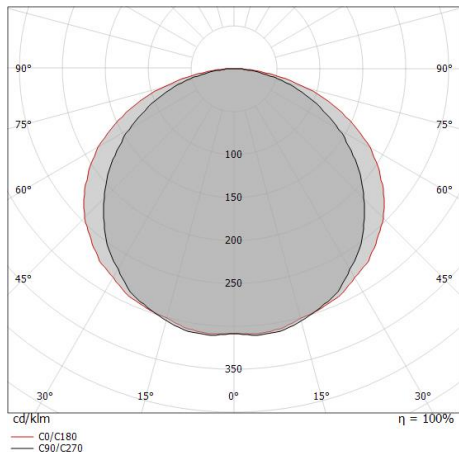
Single emission ceiling lights for indoor application. The warm white LED light source with a diffused light distribution is composed of 108 topLED LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 3317 lm, with a 138.2 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a embossed black ral 9005 finish, processed by means of coating; the diffuser is made of PC. The ingress protection degree is IP40; the total weight is of 3.7 kg.

The total absorbed power is 24 W.

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

Compliant with the EN 60598-1 standard and its specific provisions.



0.5	1.54 2.12	E(0°) E(C90) E(C0)	57.0° 64.7°	2084 171 82
1.0	3.08 4.23	E(0°) E(C90) E(C0)	57.0° 64.7°	521 43 21
1.5	4.62 6.35	E(0°) E(C90) E(C0)	57.0° 64.7°	232 19 9
2.0	6.16 8.46	E(0°) E(C90) E(C0)	57.0° 64.7°	130 11 5
2.5	7.70 10.58	E(0°) E(C90) E(C0)	57.0° 64.7°	83 7 3
3.0	9.24 12.69	E(0°) E(C90) E(C0)	57.0° 64.7°	58 5 2

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

— C0/C180 (Half-peak divergence: 129.4°)
— C90/C270 (Half-peak divergence: 114.0°)

Energy efficiency class

This product contains 3 light sources of energy efficiency class D.

Illuminotechnical Features

Light Output Ratio (LOR)	50 %
Source lumens	3317 lm
Delivered lumens	1691 lm
Consumption	24 W
Luminaire efficacy	70 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	25.6
UGR transversal	27.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	114°
C0/C180 optics	129°
Light distribution simmetry	Symmetrical 2 assis