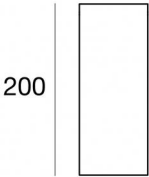


Ceiling Downlights | 176-264 V
1 arrayLED 7.3 W DC - 9 W AC | CRI 90
84589M50



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Wide Flood
Light emission direction	downward
Nominal power	7.3 W DC
Total Power	9 W
Source lumens	1067 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	176 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP40
Optical compartment IP	IP65
IK	IK05
Glow wire test	850°
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	0.70 Kg
Electrostatic discharge protection	Yes
Surge protection	0.5 KV
Optics technology	Set-back low glare optics

Finishing casing	
Material	Aluminium 6060 - Aluminium 6060
Colour	White - gold
Processing	Powder coating - Liquid painting

Finishing diffuser	
Material	Extra clear glass
Colour	transparent

Ceiling Downlights | 176-264 V | 1 arrayLED 7.3 W DC - 9 W AC | CRI 90 | Base 84589M50

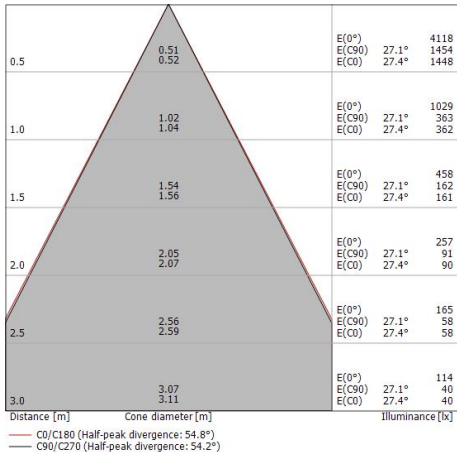
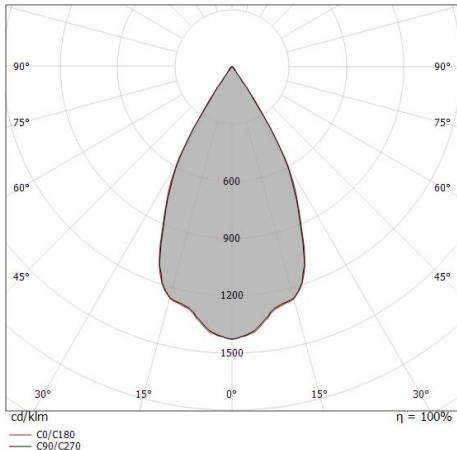
Single emission ceiling downlights for indoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1067 lm, with a 146.2 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a white finish, processed by means of powder coating The device body is made of aluminium 6060 and features a gold finish, processed by means of liquid painting; the diffuser is made of extra clear glass. The ingress protection degree is IP40; the total weight is of 0.70 kg.

The total absorbed power is 9 W.

The device features protection class II and can be 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)	67 %
Source lumens	1067 lm
Delivered lumens	722 lm
Consumption	9 W
Luminaire efficacy	80 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	35°C

LED Life / Failure Ratio

L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	15.4
UGR transversal	15.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	54°
Light distribution simmetry	Symmetrical

