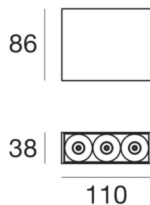




Ceiling Lights | 220-240 V
3 x powerLEDs 5 W DC - 7 W AC | CRI 90
65191M15



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	Spot
Light emission direction	downward
Power	5 W
Source lumens	561 lm
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	90 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Operating temperature	-20 / +50
Driver included	Driver
Dimmable article	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	0.170 m
Resin potting	No
Type of light emission	Single emission
Net weight	0.350 Kg
Electrostatic discharge protection	Yes
Surge protection	Yes
Product technological characteristics	TVS
Ordinary temperature on the glass	40 °C

Finishing casing	
Material	Aluminium 6060 - PC
Colour	black RAL 9005 - black

Finishing diffuser	
Material	UV Resistant Polycarbonate
Colour	chrome
Processing	Metallization

Cables Electrification	
Cable connector	No

Ceiling Lights | 220-240 V | 3 x powerLEDs 5 W DC - 7 W AC | CRI 90 | Base 65191M15

Single emission ceiling lights for indoor application. The super warm LED light source with a spot light distribution is composed of 3 powered LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 561 lm, with a 112.2 lm/W nominal luminous efficacy.

The device body is made of PC and features a black finish. The device body is made of aluminium 6060 and features a black RAL 9005 finish; the diffuser is made of UV resistant polycarbonate with a metallization treatment. The ingress protection degree is IP20; the total weight is of 0.350 kg.

The total absorbed power is 5 W. The power supply cable is included and features a 0.170 m length.

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

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

Illuminotechnical Features

Light Output Ratio (LOR)	56 %
Source lumens	561 lm
Delivered lumens	315.27 lm
Consumption	6 W
Luminaire efficacy	52 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	1/16 ANSI BIN
Colour rendering index	90 Ra

LED Life / Failure Ratio

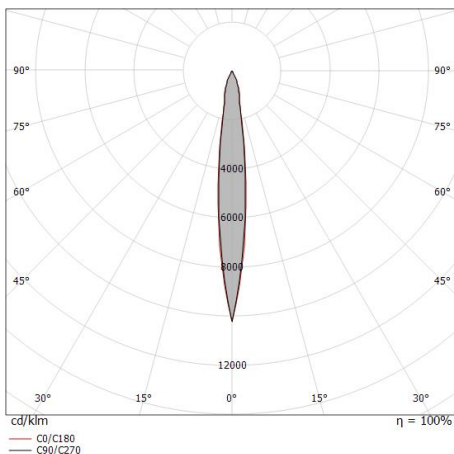
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

UGR axial	< 16
UGR transversal	< 16
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Light distribution symmetry	Symmetrical
C0/C180 optics	12°



Distance [m]	Cone diameter [m]	Intensity [lx]	E(0°)	E(C90)	E(C0)
0.5	0.11	12907	6.0°	6384	6384
1.0	0.21	3227	6.0°	1596	1596
1.5	0.32	1434	6.0°	709	709
2.0	0.42	807	6.0°	399	399
2.5	0.53	516	6.0°	255	255
3.0	0.63	359	6.0°	177	177

— C0/C180 (Half-peak divergence: 12.8°)
— C90/C270 (Half-peak divergence: 12.0°)