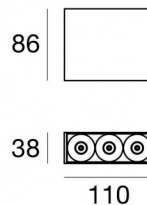




Ceiling Lights | 220-240 V AC / 176-276 V DC
3 x powerLEDs 5 W DC - 6 W AC | CRI 90
65190M30



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	Medium Flood
Light emission direction	downward
Nominal power	5 W DC
Total Power	6 W
Source lumens	472 lm
Voltage	220 - 240 V AC
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
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

Finishing casing	
Material	Aluminium 6060 - PC
Colour	Embossed white RAL 9003 - black
Processing	Powder coating

Finishing diffuser	
Material	UV Resistant Polycarbonate
Colour	chrome
Processing	Metallization

Cables Electrification	
Cable connector	No



Ceiling Lights | 220-240 V AC /176-276 V DC | 3 x powerLEDs 5 W DC - 6 W AC | CRI 90 | Base
65190M30

Single emission ceiling lights for indoor application. The super warm LED light source with a medium flood light distribution is composed of 3 powered LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 472 lm, with a 94.4 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 an embossed white RAL 9003 finish, processed by means of powder coating; 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 6 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.

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	81 %
Source lumens	472 lm
Delivered lumens	383 lm
Consumption	6 W
Luminaire efficacy	63 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	1.5 Step
Colour rendering index	90 Ra

Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

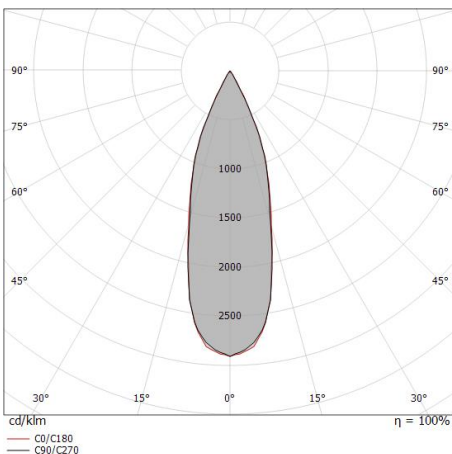
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

UGR axial	6.9
UGR transversal	6.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	32°
Light distribution symmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.29 0.30	E(0°) 4454 E(C90) 1974 E(C0) 1959
1.0	0.58 0.60	E(0°) 1114 E(C90) 493 E(C0) 490
1.5	0.87 0.90	E(0°) 495 E(C90) 219 E(C0) 218
2.0	1.16 1.20	E(0°) 278 E(C90) 123 E(C0) 122
2.5	1.45 1.50	E(0°) 178 E(C90) 79 E(C0) 78
3.0	1.74 1.80	E(0°) 124 E(C90) 55 E(C0) 54

— C0/C180 (Half-peak divergence: 33.4°)
 — C90/C270 (Half-peak divergence: 32.4°)