



Ceiling Lights | 176-264 V | arrayLED 7.5 W 200 mA
CRI 80
64738W60



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Flood
Light emission direction	downward
Power	7.5 W
Source lumens	988 lm
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
AC / DC	AC
Safety class	1
IP	IP40
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
ETL	No
Fire Rated (BS 476 PT21 compliant)	No
Driver included	Driver
Emergency mode	No
Motion sensor	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	0.50 Kg
Electrostatic discharge protection	4 KV
Surge protection	0,5 KV
Ordinary temperature on the glass	40 °C

Finishing casing	
Material	Aluminium 6060 - Aluminium 6060
Colour	embossed white RAL 9003 - gold
Processing	Liquid painting
Finishing diffuser	
Material	Extra clear glass
Colour	transparent



Ceiling Lights | 176-264 V | arrayLED 7.5 W 200 mA | CRI 80
64738W60

Single emission ceiling lights for indoor application. The warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 988 lm, with a 131.7 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a embossed white ral 9003 finish. 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 0.50 kg.

The total absorbed power is 7.5 W.

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

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

Illuminotechnical Features

Light Output Ratio (LOR)	75 %
Source lumens	988 lm
Delivered lumens	745 lm
Consumption	8 W
Luminaire efficacy	90 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Gamut Area Index	55 GAI
Colour Rendering Index	10 R9
IES TM-30 Rf	83
IES TM-30 Rg	96
Black Body Locus	On

LED Life / Failure Ratio

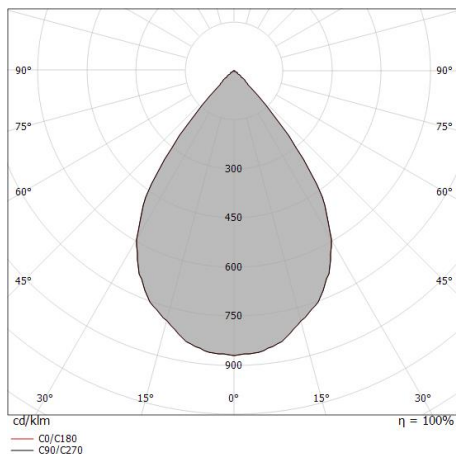
L70 B10 C0 197960h (at Tj 60 Ta 25)

UGR

X=4H Y=8H	S=0.25H
Reflection factor	70/50/20
UGR transversal	< 22
UGR axial	< 22

OPTICAL

Light distribution simmetry	Symmetrical
C0/C180 optics	72°



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.72	E(0°) 2592 E(C0) 694
1.0	1.44	E(0°) 648 E(C0) 173
1.5	2.16	E(0°) 288 E(C0) 77
2.0	2.88	E(0°) 162 E(C0) 43
2.5	3.61	E(0°) 104 E(C0) 28
3.0	4.33	E(0°) 72 E(C0) 19

Distance [m] Cone diameter [m] illuminance [lx]
 — C0/C180 (Half-peak divergence: 71.6°)

