



Ceiling Lights | 176-264 V | arrayLED 7.5 W 200 mA | CRI 80  
**64749N60**



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Optics	Flood
Light emission direction	downward
Power	7.5 W
Source lumens	1058 lm
Frequency	50 - 60 Hz
CCT / Tone	4000 K
Colour rendering index	80 Ra
AC / DC	DC
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
Induction	No
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

Finishing casing	
Colour	embossed white RAL 9003

Finishing diffuser	
Colour	transparent

Ceiling Lights | 176-264 V | arrayLED 7.5 W 200 mA | CRI 80  
**64749N60**

Single emission ceiling lights for indoor application. The natural white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1058 lm, with a 141.1 lm/W nominal luminous efficacy.

The device body and features a embossed white ral 9003 finish. 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.

### Illuminotechnical Features

Light Output Ratio (LOR)	73 %
Source lumens	1058 lm
Delivered lumens	780 lm
Consumption	8 W
Luminaire efficacy	95 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Gamut Area Index	70 GAI
Colour Rendering Index	14 R9
IES TM-30 Rf	82
IES TM-30 Rg	94
Black Body Locus	On

### LED Life / Failure Ratio

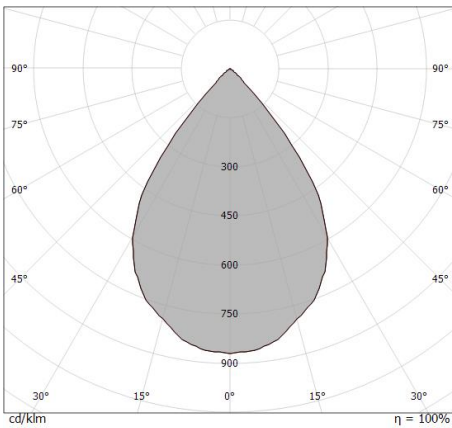
L70 B10 C0 197960h (at Tj 60 °C Ta 25 °C)

### 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°



0.5	0.72	E(0°) E(C0)	35.8°	2713 726
1.0	1.44	E(0°) E(C0)	35.8°	678 182
1.5	2.16	E(0°) E(C0)	35.8°	301 81
2.0	2.88	E(0°) E(C0)	35.8°	170 45
2.5	3.61	E(0°) E(C0)	35.8°	109 29
3.0	4.33	E(0°) E(C0)	35.8°	75 20

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

— C0/C180 (Half-peak divergence: 71.6°)