



Ceiling Lights | 176-264 V | arrayLED 7.5 W 200 mA | CRI 80
64747N60



| 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 |

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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

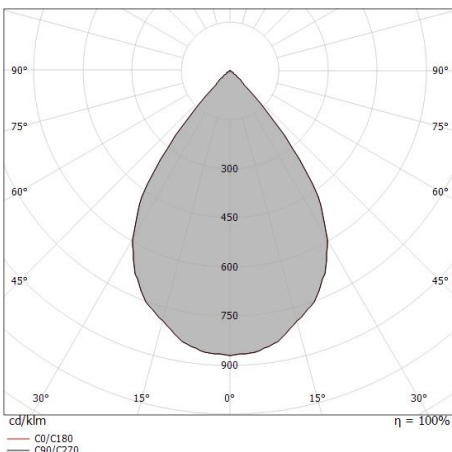
L70 B10 C0 197960h (at Tj 60 °C Ta 25 °C)

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°)