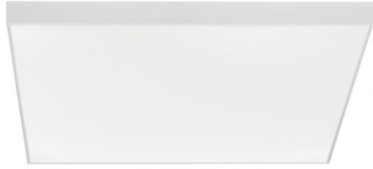




Ceiling Downlights | 198-264 V AC /176-280 V DC | 729 topLED 160 W DC - 172 W AC | CRI 80

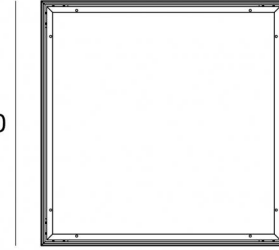


82260N00



56.5 |

1250



1250

| Technical data | |
|--|-----------------|
| Type | Surface |
| Installation position | Ceiling |
| Installation environment | Indoor |
| Light Source | LED |
| Circuit structure | topLED |
| Optics | Diffused |
| Light emission direction | downward |
| Nominal power | 160 W DC |
| Total Power | 172 W |
| Source lumens | 30295 lm |
| Nominal input voltage | 220 - 240 V AC |
| Input voltage range | 198 - 264 V AC |
| Frequency | 50 - 60 Hz |
| CCT / Tone | 4000 K |
| Colour rendering index | 80 Ra |
| C.C. / C.V. | AC |
| Safety class | 1 |
| IP | IP40 |
| 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 | No |
| Resin potting | No |
| Type of light emission | Single emission |
| Electrostatic discharge protection | Yes |
| Surge protection | Yes |

| Finishing casing | |
|--------------------|------------------|
| Material | Aluminium 6060 |
| Colour | White |
| Processing | Powder coating |
| Finishing diffuser | |
| Material | Technical fabric |
| Colour | Opal white |

Ceiling Downlights | 198-264 V AC /176-280 V DC | 729 topLED 160 W DC - 172 W AC |
CRI 80 | Base
82260N00

Single emission ceiling downlights for indoor application. The natural white LED light source with a diffused light distribution is composed of 729 topLED LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 30295 lm, with a 189.3 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a white finish, processed by means of powder coating; the diffuser is made of technical fabric. The ingress protection degree is IP40;

The total absorbed power is 172 W.

The device features protection class I 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 C.

Illuminotechnical Features

| | |
|--|----------------|
| Light Output Ratio (LOR) | 70 % |
| Source lumens | 30295 lm |
| Delivered lumens | 21371 lm |
| Consumption | 172 W |
| Luminaire efficacy | 124 lm/W |
| Colour temperature | 4000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index | 80 Ra |
| Standard Operating Ambient Temperature | -20 / +50°C |

LED Life / Failure Ratio

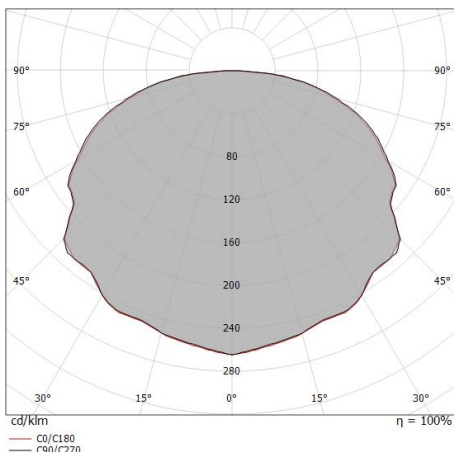
L70 B10 C0 145770h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 24.2 |
| UGR transversal | 24.1 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 137° |
| Light distribution symmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 2.63 2.54 | E(0°) 22643 E(C90) 69.2° 507 E(C0) 68.5° 559 |
| 1.0 | 5.27 5.08 | E(0°) 5661 E(C90) 69.2° 127 E(C0) 68.5° 140 |
| 1.5 | 7.90 7.62 | E(0°) 2516 E(C90) 69.2° 56 E(C0) 68.5° 62 |
| 2.0 | 10.53 10.15 | E(0°) 1415 E(C90) 69.2° 32 E(C0) 68.5° 35 |
| 2.5 | 13.16 12.69 | E(0°) 906 E(C90) 69.2° 20 E(C0) 68.5° 22 |
| 3.0 | 15.80 15.23 | E(0°) 629 E(C90) 69.2° 14 E(C0) 68.5° 16 |

— C0/C180 (Half-peak divergence: 137.0°)
— C90/C270 (Half-peak divergence: 138.4°)