



Deckenleuchten | 176-264 V
1 arrayLED 7.3 W DC - 9 W AC | CRI 90
84589N50



| Technische Daten | |
|---|-------------------------------|
| Typ | Oberfläche |
| Installationsposition | Decke |
| Installationsumgebung | Indoor |
| Lichtquelle | LED |
| Circuit structure | arrayLED |
| Optik | Wide Flood |
| Light emission direction | downward |
| Lampe Nennleistung | 7.3 W DC |
| Gesamtleistung | 9 W |
| Lichtstrom (Lichtquelle) | 1191 lm |
| Nominale Eingangsspannung | 220 - 240 V AC |
| Eingangsspannungsbereich | 176 - 264 V AC |
| Frequency | 50 - 60 Hz |
| Ähnlichste Farbtemperatur / Tone | 4000 K |
| Farbwiedergabeindex | 90 Ra |
| Gleichstrom/Gleichspannung | AC |
| Isolierklasse | 2 |
| IP | IP40 |
| IP optisches System | IP65 |
| IK | IK05 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Driver |
| Leuchte dimmbar | Nein |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Nein |
| Begehbarkeit | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Nein |
| Harzbeschichtung | Nein |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.70 Kg |
| Schutz vor elektrostatischen Entladungen | Ja |
| Schutz vor Stoßspannungen | 0.5 KV |
| Optiktechnologie | Ottica arretrata low glare |

| Oberfläche Gehäuse | |
|---------------------|--|
| Material | Aluminium 6060 - Aluminium 6060 |
| Farbe | Weiß - Gold |
| Bearbeitungstyp | Pulverbeschichtung - Flüssiglackierung |
| Oberfläche Diffusor | |
| Material | Extra-helles Glas |
| Farbe | transparent |

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Single emission ceiling downlights for indoor application. The natural white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 1191 lm, with a 163.2 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 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 0.70 kg.

The total absorbed power is 9 W.

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

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

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 67 % |
| Lichtstrom (Lichtquelle) | 1191 lm |
| Leuchten Lichtstrom | 805 lm |
| Consumption | 9 W |
| Leuchten Lichtausbeute | 89 lm/W |
| Farbtemperatur | 4000 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex | 90 Ra |
| Colour Rendering Index | 60 R9 |
| Black Body Locus | On |
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 35°C |

LED Life / Failure Ratio

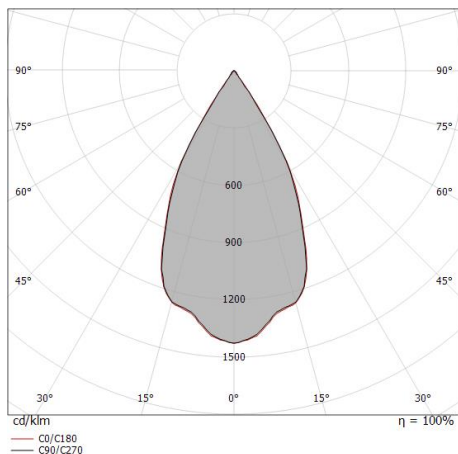
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 15.8 |
| UGR transversal | 15.9 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Optik C0/C180 | 54° |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|---|
| 0.5 | 0.51 0.52 | E(0°) 4595 E(C90) 1622 E(C0) 1615 |
| 1.0 | 1.02 1.04 | E(0°) 1149 E(C90) 406 E(C0) 404 |
| 1.5 | 1.54 1.56 | E(0°) 511 E(C90) 180 E(C0) 179 |
| 2.0 | 2.05 2.07 | E(0°) 287 E(C90) 101 E(C0) 101 |
| 2.5 | 2.56 2.59 | E(0°) 184 E(C90) 65 E(C0) 65 |
| 3.0 | 3.07 3.11 | E(0°) 128 E(C90) 45 E(C0) 45 |

— C0/C180 (Half-peak divergence: 54.8°)
 — C90/C270 (Half-peak divergence: 54.2°)

COLOR VECTOR GRAPHIC

