

Gypsum Cell



Downlights | 3 x powerLEDs 6 W DC 630 mA | CRI 90
64546M15



160 x
90

| Technische Daten | |
|---|--------------|
| Installationsposition | Decke |
| Installationsumgebung | Indoor |
| Lichtquelle | LED |
| Circuit structure | powerLEDs |
| Optik | Spot |
| Light emission direction | downward |
| Lampe Nennleistung | 6 W DC |
| Lichtstrom (Lichtquelle) | 597 lm |
| Eingangsspannungsbereich | 630mA |
| Ähnlichste Farbtemperatur / Tone | 2700 K |
| Farbwiedergabeindex | 90 Ra |
| Gleichstrom/Gleichspannung | CC |
| Isolierklasse | 3 |
| IP | IP20 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Nein |
| Leuchte dimmbar | DALI - 1-10V |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Nein |
| Begehbarkeit | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 0.170 m |
| Harzbeschichtung | Nein |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.500 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |
| Technische Merkmale des Produkts | TVS |

Oberfläche Gehäuse

| | |
|----------|-------|
| Material | gesso |
| Farbe | Weiß |


Oberfläche Diffusor

| | |
|----------|----------|
| Material | Polyamid |
| Farbe | Schwarz |

Oberfläche strahler


| | |
|-----------------|--------------------|
| Material | Aluminium 6060 |
| Farbe | Schwarz eloxiert |
| Bearbeitungstyp | Anodisierung 15 µm |

Elektronik

| | |
|---|--|
|  | 99115 1-10V - N/O button Multi Power 198~264V AC / 180~275V DC (1 - 3 art.) |
|---|--|

| | |
|---|---|
|  | 99105 On/Off Driver 198~264V AC (2 - 4 art.) |
|---|---|

| | |
|---|---|
|  | 99376 On/Off Driver 198~264V AC (1 - 2 art.) |
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| | |
|---|--|
|  | C-E100001 Push and Simply Dim - DALI-2 Multi Power 198~264V AC / 180~275V DC (2 - 4 art.) |
|---|--|

Cables Electrification

| | |
|-----------------|----|
| Cable connector | No |
|-----------------|----|

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Single emission recessed downlights for indoor application. The super warm white LED light source with a spot light distribution is composed of 3 powerled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 597 lm, with a 99.5 lm/W nominal luminous efficacy.

The device body is made of plaster and features a white finish; the diffuser is made of polyamide. The ingress protection degree is IP20; the total weight is of 0.500 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 6 W. The power supply cable is included and features a 0.170 m length.

The device features protection class III and can be ceiling-mounted, with a 160 x 90 mm hole (in plasterboard).

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

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 52 % |
| Lichtstrom (Lichtquelle) | 597 lm |
| Leuchten Lichtstrom | 316 lm |
| Consumption | 6 W |
| Leuchten Lichtausbeute | 52 lm/W |
| Farbtemperatur | 2700 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex | 90 Ra |
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 40°C |

LED Life / Failure Ratio

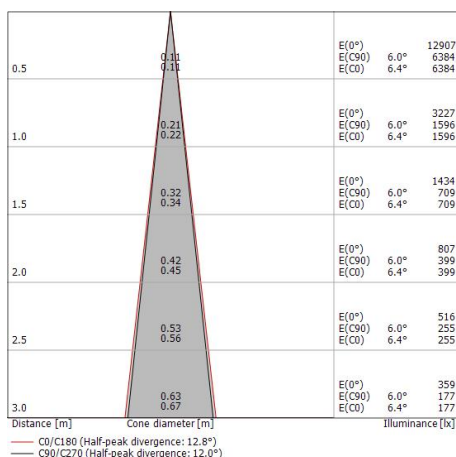
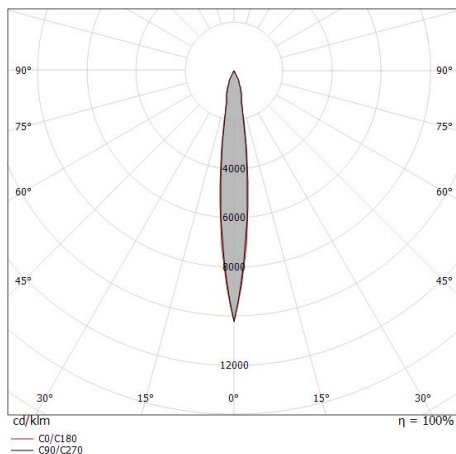
L70 B20 C0 214455h (at Tj 60 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 6 |
| UGR transversal | 7.3 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Optik C0/C180 | 12° |
| Light distribution simmetry | Symmetrical |





Dicken - KIT Dicken für die Montage auf Gipskarton

Code

60830