

# Gypsum Cell



Downlights | 3 x powerLEDs 6 W DC 630 mA | CRI 90  
64546W30



160 x  
90

| Technische Daten                                    |              |
|---|--------------|
| Installationsposition                               | Decke        |
| Installationsumgebung                               | Indoor       |
| Lichtquelle   | LED          |
| Circuit structure                                   | powerLEDs    |
| Optik   | Medium Flood |
| Light emission direction                            | downward     |
| Lampe Nennleistung                                  | 6 W DC       |
| Lichtstrom (Lichtquelle)                            | 636 lm       |
| Eingangsspannungsbereich                            | 630mA        |
| Ähnlichste Farbtemperatur / Tone                    | 3000 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



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



99376  
On/Off Driver 198~264V AC (1 - 2 art.)



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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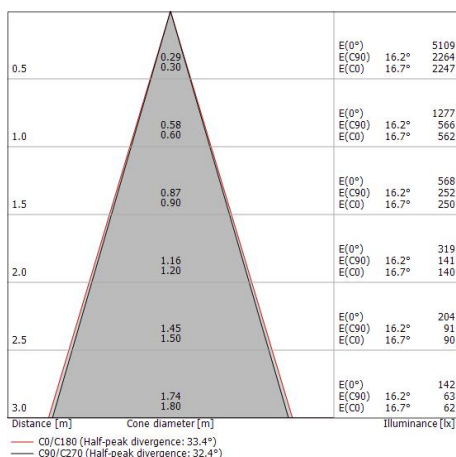
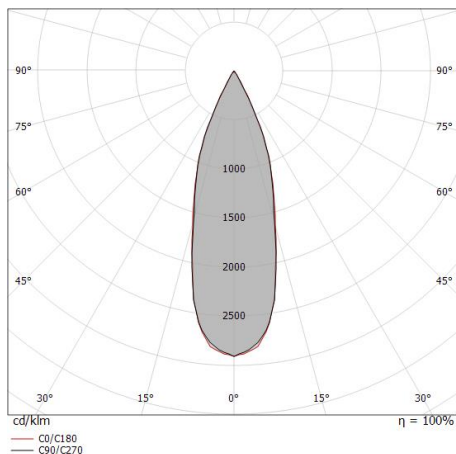
Single emission recessed downlights for indoor application. The warm white LED light source with a medium flood light distribution is composed of 3 powered LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 636 lm, with a 106.0 lm/W nominal luminous efficacy.

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)              | 78 %           |
| Lichtstrom (Lichtquelle)              | 636 lm         |
| Leuchten Lichtstrom                   | 500 lm         |
| Consumption                           | 6 W            |
| Leuchten Lichtausbeute                | 83 lm/W        |
| Farbtemperatur                        | 3000 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         | 7.4      |
| UGR transversal   | 7.2      |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

## OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 32°         |
| Light distribution simmetry | Symmetrical |



Dicken - KIT Dicken für die Montage auf Gipskarton

**Code**

60830