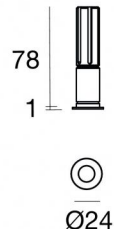




Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90  
**C01038WHMFL**



20



| Technische Daten                                    |              |
|---|--------------|
| Installationsposition                               | Decke        |
| Installationsumgebung                               | Indoor       |
| Lichtquelle   | LED          |
| Circuit structure                                   | powerLED     |
| Optik   | Flood        |
| Light emission direction                            | downward     |
| Lampe Nennleistung                                  | 3 W DC       |
| Lichtstrom (Lichtquelle)                            | 358 lm       |
| Eingangsspannungsbereich                            | 1000mA       |
| Ähnlichste Farbtemperatur / Tone                    | 2700 K       |
| Farbwiedergabeindex                                 | 90 Ra        |
| Gleichstrom/Gleichspannung                          | CC           |
| Isolierklasse                                       | 3            |
| IP  | IP44         |
| IP optisches System                                 | IP65         |
| 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  | 0.047 Kg     |
| Schutz vor elektrostatischen Entladungen            | Nein         |
| Schutz vor Stoßspannungen                           | Nein         |
| Optiktechnologie                                    | F.O.L.       |
| Technische Merkmale des Produkts                    | TVS          |

### Oberfläche Gehäuse

|                 |                    |
|-----------------|--------------------|
| Material        | Aluminium 6026     |
| Farbe           | Weiß               |
| Bearbeitungstyp | Pulverbeschichtung |

### Oberfläche Diffusor

|          |                            |
|----------|----------------------------|
| Material | Polycarbonat UV-beständige |
| Farbe    | transparent                |

### Oberfläche strahler

|                 |                      |
|-----------------|----------------------|
| Material        | Aluminium 6026       |
| Farbe           | Eloxiertes Aluminium |
| Bearbeitungstyp | Anodisierung 20 µm   |

### Elektronik



C-E100034  
 Push and Simply Dim - DALI-2 Controller (4 - 12 art.)



C-E100033  
 On/Off Driver 198~264V AC / 180~280V DC (4 - 12 art.)



C-E100046  
 On/Off Driver 100~264V AC / 176~264V DC (1 - 6 art.)



C-E100047  
 Push and Simply Dim - DALI-2 Controller (1 - 3 art.)

### Cables Electrification

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

## Downlights | 1 x powerLED 3 W DC 1000 mA | CRI 90 C01038WHMFL

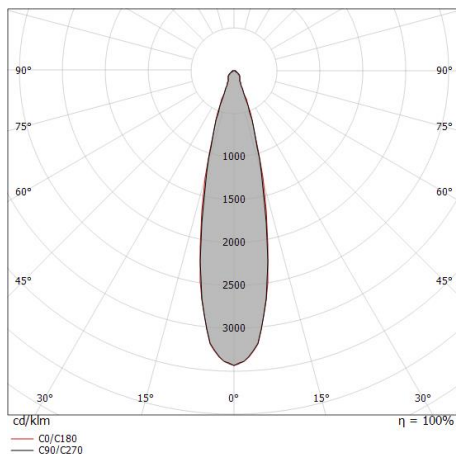
Single emission recessed downlights for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 358 lm, with a 119.3 lm/W nominal luminous efficacy.

The device body is made of aluminium 6026 and features a white finish, processed by means of powder coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.047 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 3 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 20 mm diameter hole (in plasterboard).

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



| Distance [m] | Cone diameter [m] | Intensity [lx] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|----------------|-------|--------|-------|
| 0.5          | 0.22<br>0.23      | 1632           | 12.4° | 760    | 759   |
| 1.0          | 0.44<br>0.45      | 408            | 12.4° | 190    | 190   |
| 1.5          | 0.66<br>0.68      | 181            | 12.4° | 84     | 84    |
| 2.0          | 0.88<br>0.90      | 102            | 12.4° | 48     | 47    |
| 2.5          | 1.10<br>1.13      | 65             | 12.4° | 30     | 30    |
| 3.0          | 1.32<br>1.35      | 45             | 12.4° | 21     | 21    |

— C0/C180 (Half-peak divergence: 25.4°)  
— C90/C270 (Half-peak divergence: 24.8°)

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

### Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 33 %           |
| Lichtstrom (Lichtquelle)              | 358 lm         |
| Leuchten Lichtstrom                   | 119 lm         |
| Consumption                           | 3 W            |
| Leuchten Lichtausbeute                | 39 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         | 27.5     |
| UGR transversal   | 27.4     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 25°         |
| Light distribution simmetry | Symmetrical |