



Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90  
77355M15



| Technische Daten                                    |              |
|---|--------------|
| Installationsposition                               | Decke        |
| Installationsumgebung                               | Indoor       |
| Lichtquelle   | LED          |
| Circuit structure                                   | arrayLED     |
| Optik   | Spot         |
| Light emission direction                            | downward     |
| Lampe Nennleistung                                  | 9 W DC       |
| Lichtstrom (Lichtquelle)                            | 1059 lm      |
| Eingangsspannungsbereich                            | 700mA        |
| Ähnlichste Farbtemperatur / Tone                    | 2700 K       |
| Farbwiedergabeindex                                 | 90 Ra        |
| Gleichstrom/Gleichspannung                          | CC           |
| Isolierklasse                                       | 3            |
| IP  | IP40         |
| 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  | 0.2 m        |
| Harzbeschichtung                                    | Nein         |
| Typ Lichtabstrahlung                                | Einflammig   |
| Nettogewicht  | 0.2 Kg       |
| Schutz vor elektrostatischen Entladungen            | Nein         |
| Schutz vor Stoßspannungen                           | Nein         |
| Optiktechnologie                                    | Honey comb   |

### Oberfläche Gehäuse

|                 |               |
|-----------------|---------------|
| Material        | Technopolymer |
| Farbe           | Schwarz       |
| Bearbeitungstyp | Lackierung    |

### Oberfläche Diffusor

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

### Oberfläche strahler

|                 |  |
|-----------------|--|
| Material        | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe           | Aluminium                                |
| Bearbeitungstyp | Polieren                                 |

### Elektronik



99147  
On/Off Driver 198-264V AC



99735  
Multi Power 198-264V AC / 180-275V DC



99733  
1-10V Multi Power 198-264V AC / 180-275V DC



C-E100012  
Push and Simply Dim - DALI-2 Controller



C-E100016  
Push and Simply Dim - DALI-2 Controller

### Cables Electrification

|                 |                                   |
|-----------------|-----------------------------------|
| Cable connector | JST Quick connector Male + Female |
|-----------------|-----------------------------------|

## Downlights | 1 arrayLED 9 W DC 700 mA | CRI 90 77355M15

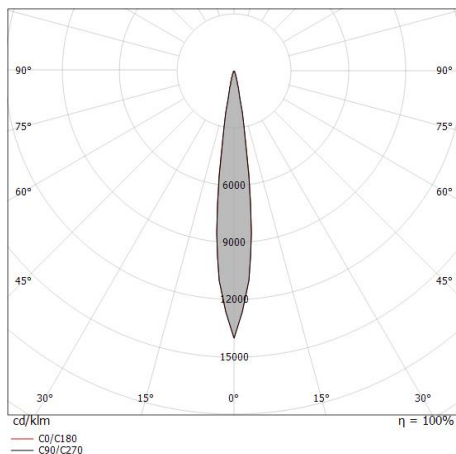
Single emission recessed downlights for indoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayLEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1059 lm, with a 117.7 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a black finish, processed by means of coating; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP40; the total weight is of 0.2 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 9 W. The power supply cable is included and features a 0.2 m length.

The device features protection class III and can be ceiling-mounted, with a 64 mm diameter hole (in plasterboard) with an outer casing, code 99849(for concrete or masonry).

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



| Distance [m] | Cone diameter [m] | illuminance [lx]                                     |
|--------------|-------------------|--|
| 0.5          | 0.12<br>0.12      | E(0°) 27520<br>E(C90) 7.0° 13608<br>E(C0) 6.9° 13712 |
| 1.0          | 0.25<br>0.24      | E(0°) 6880<br>E(C90) 7.0° 3402<br>E(C0) 6.9° 3428    |
| 1.5          | 0.37<br>0.36      | E(0°) 3058<br>E(C90) 7.0° 1512<br>E(C0) 6.9° 1524    |
| 2.0          | 0.49<br>0.48      | E(0°) 1720<br>E(C90) 7.0° 850<br>E(C0) 6.9° 857      |
| 2.5          | 0.61<br>0.61      | E(0°) 1101<br>E(C90) 7.0° 544<br>E(C0) 6.9° 548      |
| 3.0          | 0.74<br>0.73      | E(0°) 764<br>E(C90) 7.0° 378<br>E(C0) 6.9° 381       |

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 13.8°)  
— C90/C270 (Half-peak divergence: 14.0°)

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

### Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 46 %           |
| Lichtstrom (Lichtquelle)              | 1059 lm        |
| Leuchten Lichtstrom                   | 491 lm         |
| Consumption                           | 9 W            |
| Leuchten Lichtausbeute                | 54 lm/W        |
| Farbtemperatur                        | 2700 K         |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |

|                             |             |
|-----------------------------|-------------|
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 40°C        |

### LED Life / Failure Ratio

L70 B10 C0 112960h (at Tj 65 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | -0.7     |
| UGR transversal   | -0.7     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 14°         |
| Light distribution simmetry | Symmetrical |



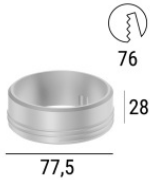
Einbaugehäuse  
installationsposition: decke; typ installation: mauerwerk L=200mm, H=113mm, D=137mm.  
Material:Polypropylen, farbe:Weiß.

**Code**  
89373



Einbaugehäuse  
installationsposition: decke; typ installation: mauerwerk L=370mm, H=120mm, D=200mm.  
Material:Polypropylen, farbe:Weiß.

**Code**  
89374



Einbaugehäuse  
installationsposition: decke; typ installation: gipskarton L=77.5mm, H=28mm, D=77.5mm.  
Material:Aluminium, farbe:Eloxiertes Aluminium, bearbeitungstyp :Eloxierung.

**Finish**  
 **Code**  
99849



Optik  
Lichtverteilung: medium wide flood,Material Verkleidung: polycarbonat uv-beständige

**Code**  
83372



Optik  
Lichtverteilung: medium flood,Material Verkleidung: ,polycarbonat uv-beständige,polycarbonat uv-beständige,polycarbonat uv-beständige

**Code**  
83371



Optik  
Lichtverteilung: spot,Material Verkleidung: ,polycarbonat uv-beständige,polycarbonat uv-beständige,polycarbonat uv-beständige

**Code**  
83370



Blendschutz  
Blendschutzart: wabenraster.  
Material:Pom-C, farbe:Schwarz.









**Code**  
83367



Diffusor  
Diffusorart: filtro ellittico

**Code**  
83368



|   |  |                                     |
|---|--|-------------------------------------|
|               | <p>Diffusor<br/>Diffusorart: ästhetischer filter</p>                   | <p><b>Code</b><br/><u>83369</u></p> |
|              | <p>Weißes Quantum_R Frontal-Kit</p>                                    | <p><b>Code</b><br/><u>83361</u></p> |
|              | <p>Schwarzes Quantum_R Frontal-Kit</p>                                 | <p><b>Code</b><br/><u>83362</u></p> |
|            | <p>Schwarzes Vos_R Frontal-Kit</p>                                     | <p><b>Code</b><br/><u>83366</u></p> |
|            | <p>Weißes Vos_R Frontal-Kit</p>  | <p><b>Code</b><br/><u>83365</u></p> |
|            | <p>Schwarzes Warp_R frontal-Kit</p>                                    | <p><b>Code</b><br/><u>83364</u></p> |
|            | <p>Weißes Warp_R frontal-Kit</p>                                       | <p><b>Code</b><br/><u>83363</u></p> |
|  <p>Ø81</p> | <p>Weißer vorderer adaptiver Flansch für Warp EVO oder Quantum EVO</p> | <p><b>Code</b><br/><u>83393</u></p> |



Schwarzer vorderer adaptiver Flansch für Warp EVO oder Quantum EVO

**Code**  
83394



Gold Quantum\_R EVO Frontal Kit

**Code**  
C-K400038



Kupfer Quantum\_R EVO frontal Kit

**Code**  
C-K400039



Gold Warp\_R EVO frontal Kit

**Code**  
C-K400040



Kupfer Warp\_R EVO frontal Kit

**Code**  
C-K400041



Gold Vos\_R Frontal-Kit

**Code**  
C-K400042



Kupfer Vos\_R EVO Frontal Kit

**Code**  
C-K400043

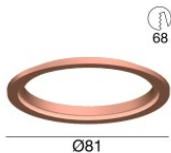


Gold vorderer adaptiver Flansch für Warp EVO oder Quantum EVO

**Code**  
C-K400044



Vos\_EVO | Downlights | Accessories  
**77355M15**



Kupfer vorderer adaptiver Flansch für Warp EVO oder Quantum EVO

**Code**

C-K400045