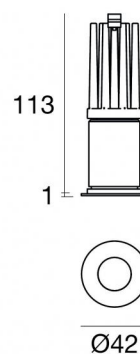




Downlights | 1 arrayLED 6.3 W DC 700 mA | CRI 90  
C00049WHNSP



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| Technische Daten                                    |              |
|---|--------------|
| Jahr der Verwirklichung                             | 2023         |
| Installationsposition                               | Decke        |
| Installationsumgebung                               | Indoor       |
| Lichtquelle   | LED          |
| Circuit structure                                   | arrayLED     |
| Optik   | Spot         |
| Light emission direction                            | downward     |
| Lampe Nennleistung                                  | 6.3 W DC     |
| Lichtstrom (Lichtquelle)                            | 805 lm       |
| Eingangsspannungsbereich                            | 700mA        |
| Ähnlichste Farbtemperatur / Tone                    | 4000 K       |
| Farbwiedergabeindex                                 | 90 Ra        |
| Gleichstrom/Gleichspannung                          | CC           |
| Isolierklasse                                       | 3            |
| IP  | IP44         |
| 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  | 0.1 m        |
| Harzbeschichtung                                    | Nein         |
| Typ Lichtabstrahlung                                | Einflammig   |
| Nettogewicht  | 0.11 Kg      |
| Schutz vor elektrostatischen Entladungen            | Nein         |
| Schutz vor Stoßspannungen                           | Nein         |
| Optiktechnologie                                    | Honey comb   |

### Oberfläche Gehäuse

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

### Oberfläche Diffusor

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

### Oberfläche strahler

|                 |                            |
|-----------------|----------------------------|
| Material        | Stranggepresstes Aluminium |
| Farbe           | Aluminium                  |
| Bearbeitungstyp | Trommelung                 |

### Elektronik



99147  
On/Off Driver 198-264V AC (3 - 3 art.)



99735  
Multi Power 198-264V AC / 180-275V DC (1 art.)



99733  
1-10V Multi Power 198-264V AC / 180-275V DC (1 art.)



83323  
Push and Simply Dim - DALI-2 Controller (1 art.)



C-E100016  
Push and Simply Dim - DALI-2 Controller (2 - 4 art.)



Downlights | 1 arrayLED 6.3 W DC 700 mA | CRI 90  
**C00049WHNSP**

Single emission recessed downlights for indoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 805 lm, with a 127.8 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 0.11 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 6.3 W. The power supply cable is included and features a 0.1 m length.

The device features protection class III and can be ceiling-mounted, with a 35 mm diameter 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)              | 46 %           |
| Lichtstrom (Lichtquelle)              | 805 lm         |
| Leuchten Lichtstrom                   | 372 lm         |
| Consumption                           | 6.5 W          |
| Leuchten Lichtausbeute                | 57 lm/W        |
| Farbtemperatur                        | 4000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |
| Standardumgebungstemperatur           | -20 / +50°C    |

### LED Life / Failure Ratio

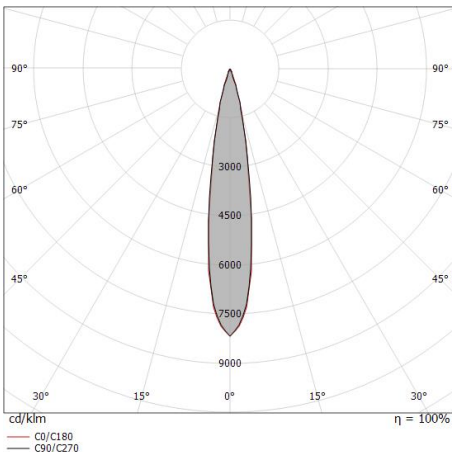
L70 B10 C0 134020h (at Tj 65 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 10.2     |
| UGR transversal   | 9.4      |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 17°         |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx]                                   |
|--------------|-------------------|--|
| 0.5          | 0.15<br>0.15      | E(0°) 12146<br>E(C90) 8.8° 5931<br>E(C0) 8.7° 5963 |
| 1.0          | 0.31<br>0.31      | E(0°) 3037<br>E(C90) 8.8° 1483<br>E(C0) 8.7° 1491  |
| 1.5          | 0.46<br>0.46      | E(0°) 1350<br>E(C90) 8.8° 859<br>E(C0) 8.7° 663    |
| 2.0          | 0.62<br>0.61      | E(0°) 759<br>E(C90) 8.8° 371<br>E(C0) 8.7° 373     |
| 2.5          | 0.77<br>0.77      | E(0°) 486<br>E(C90) 8.8° 237<br>E(C0) 8.7° 239     |
| 3.0          | 0.93<br>0.92      | E(0°) 337<br>E(C90) 8.8° 165<br>E(C0) 8.7° 166     |

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

— C0/C180 (Half-peak divergence: 17.4°)  
 — C90/C270 (Half-peak divergence: 17.6°)