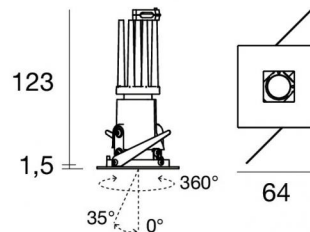


Downlights | 1 arrayLED 6 W DC 700 mA | CRI 90  
**C00938BBWSP**



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## Technische Daten

|   |              |
|---|--------------|
| Installationsposition                               | Decke        |
| Installationsumgebung                               | Indoor       |
| Lichtquelle   | LED          |
| Circuit structure                                   | arrayLED     |
| Optik   | Spot         |
| Light emission direction                            | downward     |
| Lampe Nennleistung                                  | 6 W DC       |
| Lichtstrom (Lichtquelle)                            | 748 lm       |
| Eingangsspannungsbereich                            | 700mA        |
| Ähnlichste Farbtemperatur / Tone                    | 3000 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   | Ja           |
| Gesamtwinkel (horizontale Ebene)                    | 360 °        |
| Gesamtwinkel (vertikale Ebene)                      | 35 °         |
| Begehbarkeit  | Nein         |
| Überrollbarkeit                                     | Nein         |
| Einschließlich Kabel                                | Ja           |
| Kabellänge  | 0.17 m       |
| Harzbeschichtung                                    | Nein         |
| Typ Lichtabstrahlung                                | Einflammig   |
| Nettogewicht  | 0.128 Kg     |
| Schutz vor elektrostatischen Entladungen            | Nein         |
| Schutz vor Stoßspannungen                           | Nein         |

## Oberfläche Gehäuse

|                 |  |
|-----------------|--|
| Material        | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe           | Schwarz                                  |
| Bearbeitungstyp | Pulverbeschichtung                       |

## Oberfläche flansch

|                 |  |
|-----------------|--|
| Material        | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe           | Schwarz                                  |
| Bearbeitungstyp | Pulverbeschichtung                       |

## Oberfläche strahler

|                 |  |
|-----------------|--|
| Material        | Stranggepresstes Aluminium EN AB - 46100 |
| Bearbeitungstyp | Trommelung                               |

## Elektronik



99147  
On/Off Driver 198~264V AC (2 - 4 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.)



C-E100012  
Push and Simply Dim - DALI-2 Controller (1 art.)



C-E100016  
Push and Simply Dim - DALI-2 Controller (3 - 4 art.)

## Cables Electrification

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

## Downlights | 1 arrayLED 6 W DC 700 mA | CRI 90 C00938BBWSP

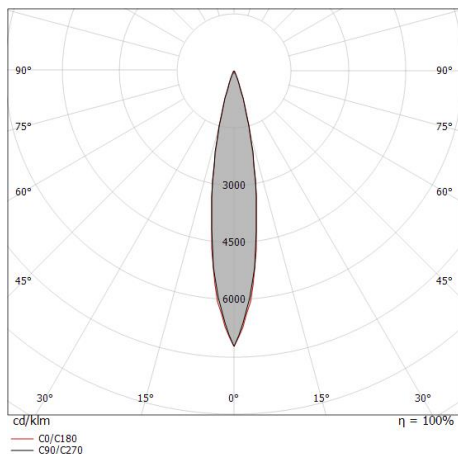
Single emission recessed downlights for indoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 748 lm, with a 124.7 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating. The ingress protection degree is IP44; the total weight is of 0.128 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 0.17 m length.

The device features protection class III and can be ceiling-mounted, with a 56 mm diameter hole (in plasterboard).

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



| Distance [m] | Cone diameter [m] | illuminance [lx]                                   |
|--------------|-------------------|--|
| 0.5          | 0.17<br>0.16      | E(0°) 11624<br>E(C90) 9.4° 5587<br>E(C0) 9.3° 5598 |
| 1.0          | 0.33<br>0.33      | E(0°) 2906<br>E(C90) 9.4° 1397<br>E(C0) 9.3° 1399  |
| 1.5          | 0.50<br>0.49      | E(0°) 1292<br>E(C90) 9.4° 621<br>E(C0) 9.3° 622    |
| 2.0          | 0.66<br>0.66      | E(0°) 727<br>E(C90) 9.4° 349<br>E(C0) 9.3° 350     |
| 2.5          | 0.83<br>0.82      | E(0°) 465<br>E(C90) 9.4° 223<br>E(C0) 9.3° 224     |
| 3.0          | 0.99<br>0.98      | E(0°) 323<br>E(C90) 9.4° 155<br>E(C0) 9.3° 155     |

— C0/C180 (Half-peak divergence: 18.6°)  
— C90/C270 (Half-peak divergence: 18.8°)

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

### Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 53 %           |
| Lichtstrom (Lichtquelle)              | 748 lm         |
| Leuchten Lichtstrom                   | 402 lm         |
| Consumption                           | 6 W            |
| Leuchten Lichtausbeute                | 67 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 B10 C0 134020h (at Tj 65 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 7.7      |
| UGR transversal   | 5.1      |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 19°         |
| Light distribution simmetry | Symmetrical |