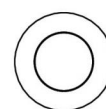
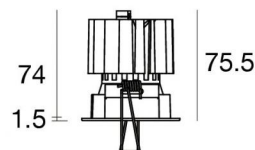
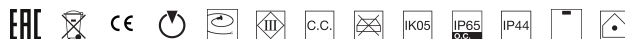


Downlights | 1 arrayLED 11 W DC 300 mA | CRI 90  
C00178WHWWF



Ø 68

| Technische Daten                                    |              |
|-----------------------------------------------------|--------------|
| Installationsposition                               | Decke        |
| Installationsumgebung                               | Indoor       |
| Lichtquelle                                         | LED          |
| Circuit structure                                   | arrayLED     |
| Optik                                               | Wide Flood   |
| Light emission direction                            | downward     |
| Lampe Nennleistung                                  | 11 W DC      |
| Lichtstrom (Lichtquelle)                            | 1578 lm      |
| Eingangsspannungsbereich                            | 300mA        |
| Ähnlichste Farbtemperatur / Tone                    | 3000 K       |
| Farbwiedergabeindex                                 | 90 Ra        |
| Gleichstrom/Gleichspannung                          | CC           |
| Isolierklasse                                       | 3            |
| IP                                                  | IP44         |
| IP optisches System                                 | IP65         |
| IK                                                  | IK05         |
| Glühdrahtprüfung                                    | 850°         |
| Direkte Montage auf normal entflammaren Oberflächen | Ja           |
| CE                                                  | Ja           |
| Einschließlich Driver                               | Nein         |
| Leuchte dimmbar                                     | DALI - 1-10V |
| Schwenkbarkeit                                      | Nein         |
| Drehbarkeit                                         | Nein         |
| Begehrbarkeit                                       | Nein         |
| Überrollbarkeit                                     | Nein         |
| Einschließlich Kabel                                | Ja           |
| Kabellänge                                          | 0.15 m       |
| Harzbeschichtung                                    | Nein         |
| Einbautiefe                                         | 74 mm        |
| Typ Lichtabstrahlung                                | Einflammig   |
| Nettogewicht                                        | 0.2 Kg       |
| Schutz vor elektrostatischen Entladungen            | Nein         |
| Schutz vor Stoßspannungen                           | Nein         |

#### Oberfläche Oberfläche Gehäuse

|                 |                             |
|-----------------|-----------------------------|
| Material        | UV beständiges Polycarbonat |
| Farbe           | Text white RAL9003          |
| Bearbeitungstyp | Flüssiglackierung           |

#### Oberfläche Oberfläche diffusor

|          |                             |
|----------|-----------------------------|
| Material | UV beständiges Polycarbonat |
| Farbe    | Transparent                 |

#### Oberfläche Oberfläche strahler

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

#### Elektronik

|  |                                                         |
|--|---------------------------------------------------------|
|  | 99734<br>Multi Power 198-264V AC / 180-275V DC (1 art.) |
|--|---------------------------------------------------------|

|  |                                                        |
|--|--------------------------------------------------------|
|  | 99732<br>1-10V Multi Power 198-264V AC / V DC (1 art.) |
|--|--------------------------------------------------------|

|  |                                                           |
|--|-----------------------------------------------------------|
|  | 83322<br>Push and Simply Dim - DALI-2 Controller (1 art.) |
|--|-----------------------------------------------------------|

#### Cables Electrification

|                 |                    |
|-----------------|--------------------|
| Cable connector | MALE JST SMR-02V-B |
|-----------------|--------------------|

Downlights | 1 arrayLED 11 W DC 300 mA | CRI 90  
C00178WHWWF

Single emission recessed downlights for indoor application. The warm white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1578 lm, with a 143.5 lm/W nominal luminous efficacy.

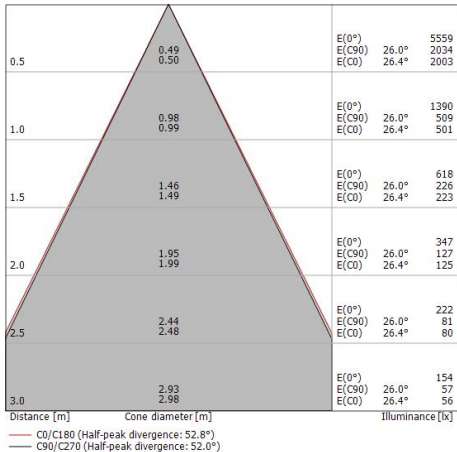
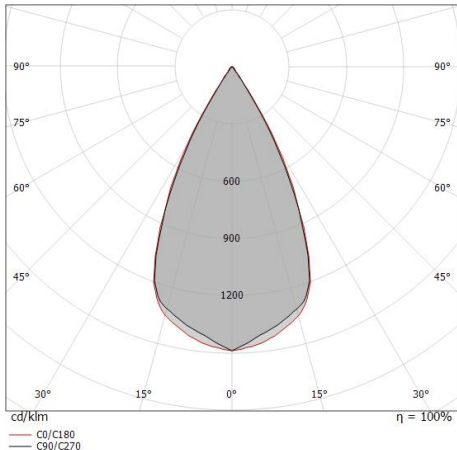
The device body is made of uv resistant polycarbonate and features a text white ral9003 finish, processed by means of liquid painting; the diffuser is made of uv resistant polycarbonate.

The ingress protection degree is IP44; 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 11 W The power supply cable is included and features a 0.15 m length.

The device features protection class III and can be ceiling-mounted, with a 64 mm diameter hole (in plasterboard).

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



| Energieeffizienzklasse                                                |  |
|-----------------------------------------------------------------------|--|
| Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D. |  |

| Illuminotechnical Eigenschaften       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 59 %           |
| Lichtstrom (Lichtquelle)              | 1578 lm        |
| Leuchten Lichtstrom                   | 936 lm         |
| Consumption                           | 11 W           |
| Leuchten Lichtausbeute                | 85 lm/W        |
| Farbtemperatur                        | 3000 K         |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |
| Colour Rendering Index                | 60 R9          |
| Black Body Locus                      | On             |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 40°C           |

| LED Life / Failure Ratio             |  |
|--------------------------------------|--|
| L70 B10 C0 231262h (at Tj 65 Ta 25 ) |  |
| L80 B10 C0 144799h (at Tj 65 Ta 25 ) |  |
| L90 B10 C0 68534h (at Tj 65 Ta 25 )  |  |

| UGR               |          |
|-------------------|----------|
| UGR transversal   | 17.5     |
| UGR axial         | 17.3     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

| OPTICAL                     |             |
|-----------------------------|-------------|
| Optik C0/C180               | 52°         |
| Light distribution simmetry | Symmetrical |

