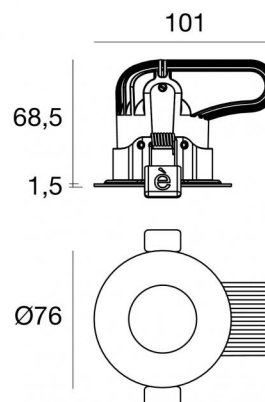


Downlights | 1 arrayLED 12.5 W DC 350 mA | CRI 90  
91749M30



| Technische Daten                                    |              |
|-----------------------------------------------------|--------------|
| Installationsposition                               | Decke        |
| Installationsumgebung                               | Indoor       |
| Lichtquelle                                         | LED          |
| Circuit structure                                   | arrayLED     |
| Optik                                               | Flood        |
| Light emission direction                            | downward     |
| Lampe Nennleistung                                  | 12.5 W DC    |
| Lichtstrom (Lichtquelle)                            | 1644 lm      |
| Eingangsspannungsbereich                            | 350mA        |
| Ähnlichste Farbtemperatur / Tone                    | 2700 K       |
| Farbwiedergabeindex                                 | 90 Ra        |
| Gleichstrom/Gleichspannung                          | CC           |
| Isolierklasse                                       | 3            |
| IP                                                  | IP44         |
| IP optisches System                                 | IP65         |
| IK                                                  | IK08         |
| 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                                          | 0.300 m      |
| Harzbeschichtung                                    | Nein         |
| Einbautiefe                                         | 68.5 mm      |
| Typ Lichtabstrahlung                                | Einflammig   |
| Nettogewicht                                        | 0.26 Kg      |
| Schutz vor elektrostatischen Entladungen            | Nein         |
| Schutz vor Stoßspannungen                           | Nein         |

#### Oberfläche Oberfläche Gehäuse

|                 |                                                |
|-----------------|------------------------------------------------|
| Material        | Stranggepresstes Aluminium EN AB - 46100       |
| Farbe           | Text white RAL9003                             |
| Bearbeitungstyp | Pulverbeschichtung mit duroplastischen Pulvern |

#### Oberfläche Oberfläche diffusor

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

#### Oberfläche Oberfläche strahler

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

#### Elektronik



99115  
1-10V - N/O button Multi Power 198-264V AC / V DC (1 art.)



99375  
On/Off Driver 198-264V AC (1 art.)



83322  
Push and Simply Dim - DALI-2 Controller (1 art.)

#### Cables Electrification

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

Downlights | 1 arrayLED 12.5 W DC 350 mA | CRI 90  
91749M30

Single emission recessed downlights for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1644 lm, with a 131.5 lm/W nominal luminous efficacy.

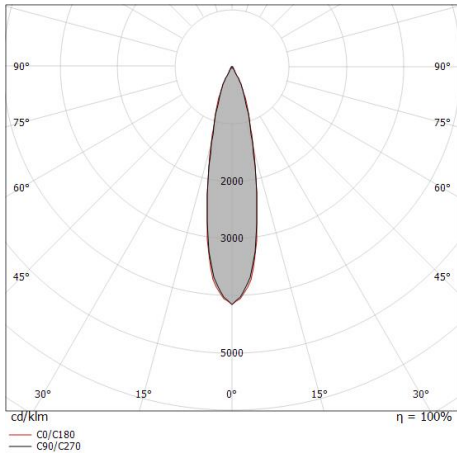
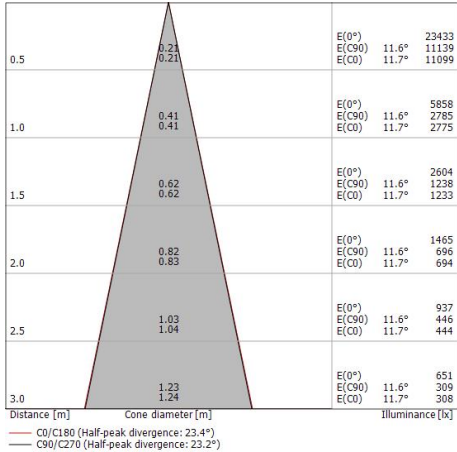
The device body is made of die-cast aluminium en ab - 46100 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders; the diffuser is made of uv resistant polycarbonate.

The ingress protection degree is IP44; the total weight is of 0.26 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 12.5 W The power supply cable is included and features a 0.300 m length.

The device features protection class III and can be ceiling-mounted, with a 68 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)              | 85 %           |
| Lichtstrom (Lichtquelle)              | 1644 lm        |
| Leuchten Lichtstrom                   | 1412 lm        |
| Consumption                           | 13 W           |
| Leuchten Lichtausbeute                | 108 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 211958h (at Tj 65 Ta 25 )

L80 B10 C0 132729h (at Tj 65 Ta 25 )

L90 B10 C0 62845h (at Tj 65 Ta 25 )

UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 16.9     |
| UGR transversal   | 16.9     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 23°         |
| Light distribution simmetry | Symmetrical |

Downlights | 1 arrayLED 12.5 W DC 350 mA | CRI 90  
91749M30

Single emission recessed downlights for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1644 lm, with a 131.5 lm/W nominal luminous efficacy.

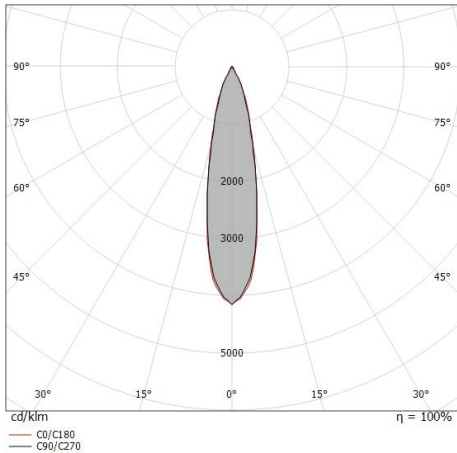
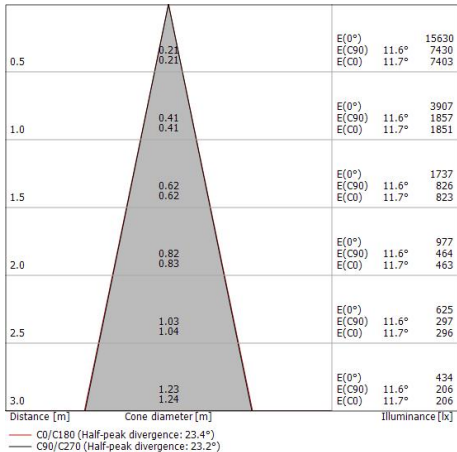
The device body is made of die-cast aluminium en ab - 46100 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders; the diffuser is made of uv resistant polycarbonate.

The ingress protection degree is IP44; the total weight is of 0.26 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 12.5 W The power supply cable is included and features a 0.300 m length.

The device features protection class III and can be ceiling-mounted, with a 68 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)              | 57 %           |
| Lichtstrom (Lichtquelle)              | 1644 lm        |
| Leuchten Lichtstrom                   | 942 lm         |
| Consumption                           | 8 W            |
| Leuchten Lichtausbeute                | 117 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 211958h (at Tj 65 Ta 25 ) |  |
| L80 B10 C0 132729h (at Tj 65 Ta 25 ) |  |
| L90 B10 C0 62845h (at Tj 65 Ta 25 )  |  |

| UGR               |          |
|-------------------|----------|
| UGR axial         | 15.5     |
| UGR transversal   | 15.5     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

| OPTICAL                     |             |
|-----------------------------|-------------|
| Optik C0/C180               | 23°         |
| Light distribution simmetry | Symmetrical |