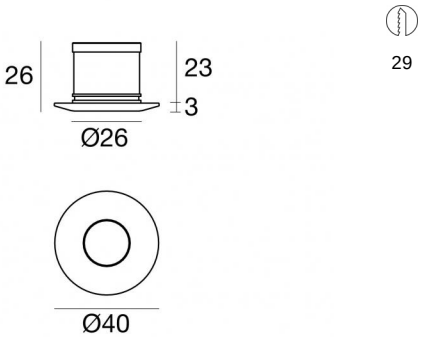
# Nitum_R

Downlights | 1 x powerLED 1 W DC 350 mA | CRI 80
**85043M70**




| Technische Daten | |
|---|---|
| Installationsposition | Wand - Decke |
| Installationsumgebung | Indoor |
| Lichtquelle | LED |
| Circuit structure | powerLED |
| Optik | Wide Flood |
| Lampe Nennleistung | 1 W DC |
| Lichtstrom (Lichtquelle) | 136 lm |
| Eingangsspannungsbereich | 350mA |
| Ähnlichste Farbtemperatur / Tone | 2700 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | CC |
| Isolierklasse | 3 |
| IP | IP44 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammbaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Nein |
| Leuchte dimmbar | DALI - 1-10V |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Nein |
| Begehbarkeit | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 0.12 m |
| Harzbeschichtung | Ja |
| Einbautiefe | 23 mm |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.058 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |

| Oberfläche Oberfläche Gehäuse | |
|---|---|
| Material | Messing gebürstet |
| Farbe | Polished (galvanic) chrome |
| Bearbeitungstyp | Tampongalvanisieren |

**Elektronik**

89144
On/Off Driver 198~264V AC / 180~275V DC (1 - 2 art.)

89145
On/Off Driver 198~264V AC / 180~275V DC (3 - 6 art.)

99374
On/Off Driver 198~264V AC / 176~275V DC 75 W (- art.)

99708
1-10V - 0-10V Converter V DC (1 art.)

99711
DALI Converter V DC (1 art.)

99375
On/Off Driver 198~264V AC (6 - 12 art.)



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Downlights | 1 x powerLED 1 W DC 350 mA | CRI 80
**85043M70**

Single emission recessed downlights for indoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 powerled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 136 lm, with a 136.0 lm/W nominal luminous efficacy.

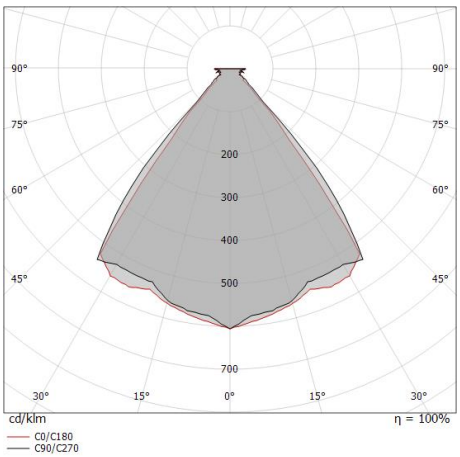
The device body is made of brass and features a polished (galvanic) chrome finish, processed by means of electroplating.

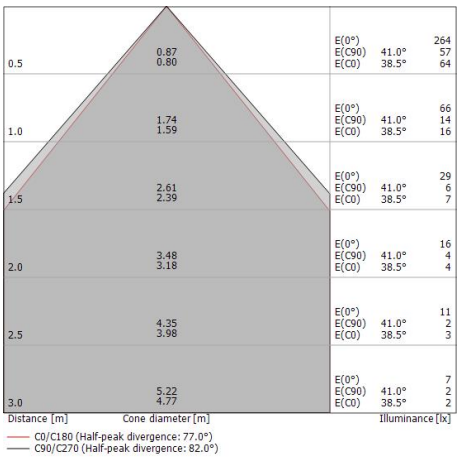
The ingress protection degree is IP44; the total weight is of 0.058 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 1 W The power supply cable is included and features a 0.12 m length.

The device features protection class III and can be wall lights or ceiling-mounted, with a 29 mm diameter hole (in plasterboard) with an outer casing, code 84915(for concrete or masonry).

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




| Energieeffizienzklasse |
|---|
| Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse D. |

| Illuminotechnical Eigenschaften | |
|---|---|
| Light Output Ratio (LOR) | 40 % |
| Lichtstrom (Lichtquelle) | 272 lm |
| Leuchten Lichtstrom | 109 lm |
| Consumption | 1,0 W |
| Leuchten Lichtausbeute | 109 lm/W |
| Farbtemperatur | 2700 K |
| Standard Deviation of Colour Matching | 1.5 Step |
| Farbwiedergabeindex | 80 Ra |
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 40°C |

| LED Life / Failure Ratio |
|---|
| L70 B10 C0 1240219h (at Tj 65 Ta 25 ) |
| L80 B10 C0 745627h (at Tj 65 Ta 25 ) |
| L90 B10 C0 309367h (at Tj 65 Ta 25 ) |

| UGR | |
|---|---|
| UGR axial | 27.7 |
| UGR transversal | 27.5 |
| X=4H \| Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

| OPTICAL | |
|---|---|
| Optik C90/C270 | 82° |
| Optik C0/C180 | 77° |
| Light distribution simmetry | Symmetrical 2 assis |



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Nitum_R | Downlights | Accessories
**85043M70**

Einbaugehäuse
installationsposition: decke; typ installation: mauerwerk L=42mm, H=35mm, D=35mm.
Material:Kunststoff ABS, farbe:Black.

**Code**
84336

Einbaugehäuse
installationsposition: wand; typ installation: mauerwerk L=49mm, H=60mm, D=60mm.
Material:Kunststoff ABS, farbe:Black.

**Code**
84915



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