



Downlights | 1 arrayLED 9 W DC 24 V | CRI 80  
82453M15

Single emission recessed downlights for outdoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1288 lm, with a 143.1 lm/W nominal luminous efficacy.

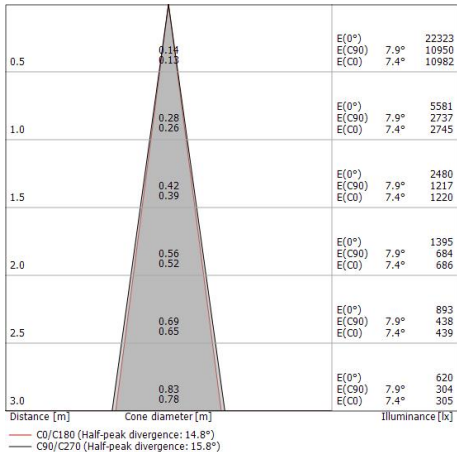
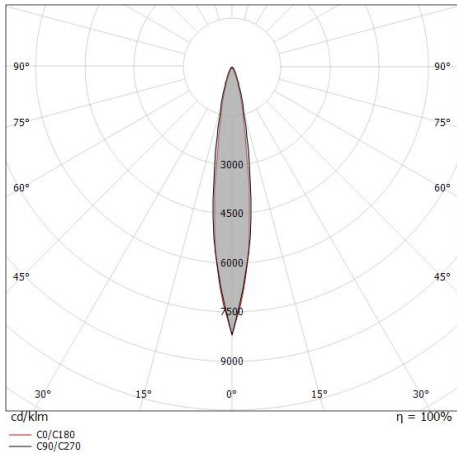
The device body is made of die-cast aluminium en ab - 46100 and features a matt black (r9005) finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. Surface treatment of the product body through aluminum chemical conversion, followed by polyester powder coating, using exclusively coatings compliant with the Qualicoat standard. The product flange is made of steel, a material that ensures high robustness, superior mechanical strength and extended durability, guaranteeing maximum component reliability over time.

The ingress protection degree is IP67; the total weight is of 0.5 kg.

The total absorbed power is 9 W The power supply cable is included and features a 1 m length.

The device features protection class III and can be ceiling-mounted, with a 86 mm diameter hole (in plasterboard) with an outer casing, code 99749(for concrete or masonry).

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



Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 52 %           |
| Lichtstrom (Lichtquelle)              | 1288 lm        |
| Leuchten Lichtstrom                   | 681 lm         |
| Consumption                           | 9 W            |
| Leuchten Lichtausbeute                | 75 lm/W        |
| Farbtemperatur                        | 2700 K         |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex                   | 80 Ra          |
| 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 )

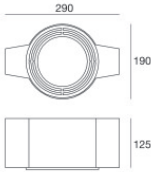
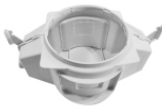
UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 11.4     |
| UGR transversal   | 10.7     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 15°         |
| Light distribution simmetry | Symmetrical |

Orma\_CJ | Downlights | Accessories  
82453M15



Einbaugehäuse - (zu ergänzen mit Universalgrill 99750)  
installationsposition: decke; typ installation: mauerwerk L=290mm, H=125mm, D=190mm

**Code**  
99749



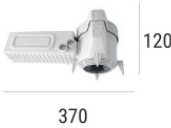
Zubehör für Außengehäuse - Universalgitter für Außengehäuse 99749

**Code**  
99750



Einbaugehäuse  
installationsposition: decke; typ installation: mauerwerk L=213mm, H=125mm, D=138mm.  
Material:Polypropylen, farbe:Weiß.

**Code**  
89373



Einbaugehäuse  
installationsposition: decke; typ installation: mauerwerk L=370mm, H=120mm, D=200mm.  
Material:Polypropylen, farbe:Weiß.

**Code**  
89374