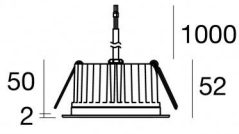
Downlights | 1 arrayLED 8 W DC 220 mA | CRI 80

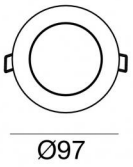
**81229N60**








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| Technische Daten | |
|---|---|
| Installationsposition | Decke |
| Installationsumgebung | Outdoor |
| Lichtquelle | LED |
| Circuit structure | arrayLED |
| Optik | Wide Flood |
| Light emission direction | downward |
| Lampe Nennleistung | 8 W DC |
| Lichtstrom (Lichtquelle) | 1235 lm |
| Eingangsspannungsbereich | 220mA |
| Ähnlichste Farbtemperatur / Tone | 4000 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | CC |
| Isolierklasse | 3 |
| IP | IP67 |
| IK | IK10 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammbaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Nein |
| Leuchte dimmbar | Ja |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Nein |
| Begehbarkeit | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 1 m |
| Harzbeschichtung | Ja |
| Einbautiefe | 51 mm |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.5 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |
| Technische Merkmale des Produkts | Acquastop |

| Oberfläche Oberfläche Gehäuse | |
|---|---|
| Material | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe | Matt black (R9005) |
| Bearbeitungstyp | Offenporige Anodisierung + Pulverlackierung |

| Oberfläche Oberfläche diffusor | |
|---|---|
| Material | Extra-helles Glas - Gehärtet |
| Farbe | transparent |
| Bearbeitungstyp | Siebdruck |

| Oberfläche Oberfläche flansch | |
|---|---|
| Material | Edelstahl AISI 316L |
| Farbe | Stahl |
| Bearbeitungstyp | Bürsten |

**Elektronik**



99342
On/Off Driver 198~264V AC (1 art.)



C-E200005
Push and Simply Dim - DALI-2 Controller (1 art.)

| Cables Electrification | |
|---|---|
| Cable connector | No connector - Neoprene 2x0.5mm² |



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Downlights | 1 arrayLED 8 W DC 220 mA | CRI 80
**81229N60**

Single emission recessed downlights for outdoor application. The natural white LED light source with a wide flood light distribution is composed of 1 arrayled LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1235 lm, with a 154.4 lm/W nominal luminous efficacy.

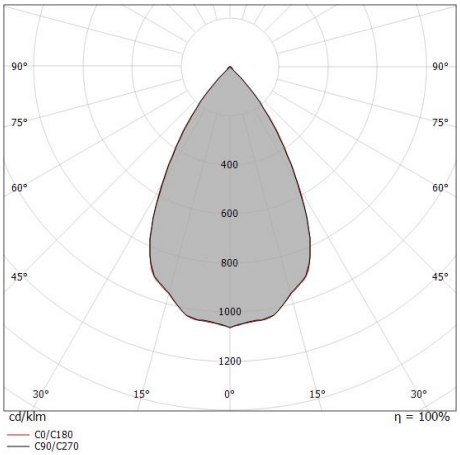
The device body is made of die-cast aluminium en ab - 46100 and features a matt black (r9005) finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. Surface treatment of the product body through aluminum 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.

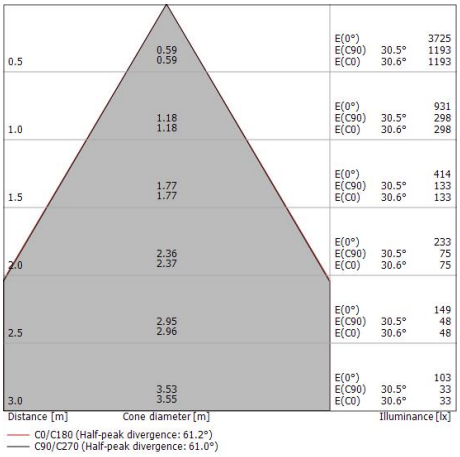
The ingress protection degree is IP67; the total weight is of 0.5 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 8 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 D. |

| Illuminotechnical Eigenschaften | |
|---|---|
| Light Output Ratio (LOR) | 71 % |
| Lichtstrom (Lichtquelle) | 1235 lm |
| Leuchten Lichtstrom | 877 lm |
| Consumption | 8 W |
| Leuchten Lichtausbeute | 109 lm/W |
| Farbtemperatur | 4000 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 ) |

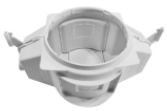
| UGR | |
|---|---|
| UGR axial | 19.5 |
| UGR transversal | 19.6 |
| X=4H \| Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

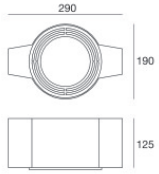
| OPTICAL | |
|---|---|
| Optik C0/C180 | 61° |
| Light distribution simmetry | Symmetrical |



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Orma_C | Downlights | Accessories
**81229N60**






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

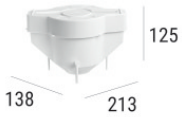
**Code**
99749



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



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