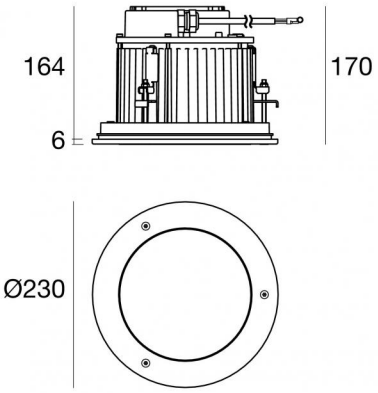
# Guardian



Downlights | 198-264 V
arrayLED 30 W DC - 33.6 W AC | CRI 80
**81872M60**








| Technische Daten | |
|---|---|
| Installationsposition | Decke |
| Installationsumgebung | Outdoor |
| Lichtquelle | LED |
| Circuit structure | arrayLED |
| Optik | Medium Wide Flood |
| Light emission direction | downward |
| Lampe Nennleistung | 30 W DC |
| Gesamtleistung | 33.6 W |
| Lichtstrom (Lichtquelle) | 4088 lm |
| Nominale Eingangsspannung | 220 - 240 V AC |
| Eingangsspannungsbereich | 198 - 264 V AC |
| Frequency | 50 - 60 Hz |
| Ähnlichste Farbtemperatur / Tone | 2700 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | AC |
| Isolierklasse | 1 |
| IP | IP67 |
| IK | IK10 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammbaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Driver |
| Leuchte dimmbar | DALI - PUSH DIM |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Nein |
| Begehbarkeit | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 1 m |
| Harzbeschichtung | Ja |
| Einbautiefe | 164 mm |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 3,5 Kg |
| Schutz vor elektrostatischen Entladungen | 4 KV |
| Schutz vor Stoßspannungen | 1 KV |
| Optiktechnologie | Honey comb |
| Technische Merkmale des Produkts | Acquastop - TVS |

| 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 |

| Oberfläche Oberfläche flansch | |
|---|---|
| Material | Aluminiumlegierung 6026 |
| Farbe | Text brilliant grey RAL 9006 |
| Bearbeitungstyp | Offenporige Anodisierung + Pulverlackierung |

| Cables Electrification | |
|---|---|
| Cable connector | No |



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Downlights | 198-264 V | arrayLED 30 W DC - 33.6 W AC | CRI 80
**81872M60**

Single emission recessed downlights for outdoor application. The super warm white LED light source with a medium wide flood light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 4088 lm, with a 136.3 lm/W nominal luminous efficacy.

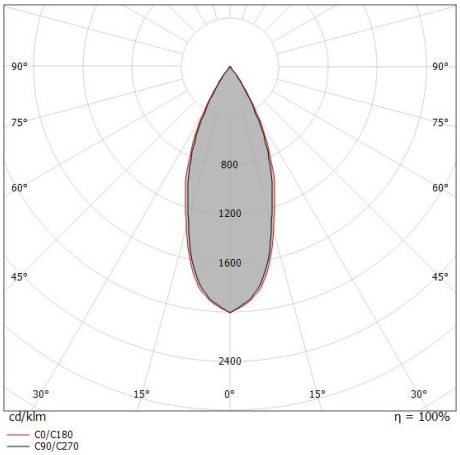
The device body is made of die-cast aluminium en ab - 46100 and features a matt black (r9005) finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered. Surface treatment of the product body through aluminum chemical conversion, followed by polyester powder coating, using exclusively coatings compliant with the Qualicoat standard.The aluminum flange is treated with a chemical conversion process to ensure maximum paint adhesion and corrosion protection, followed by polyester powder coating using exclusively coatings compliant with the Qualicoat standard.

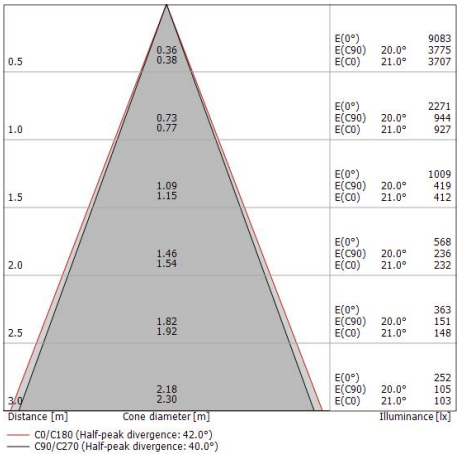
The ingress protection degree is IP67;

The total absorbed power is 33.6 W The power supply cable is included and features a 1 m length.

The device features protection class I and can be ceiling-mounted, with a 212 mm diameter hole (in plasterboard) with an outer casing, code 99675(for concrete or masonry).

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



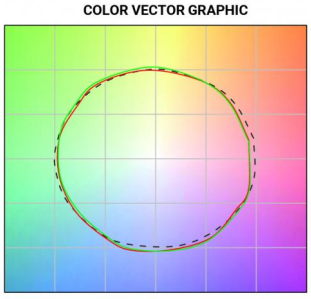

| Energieeffizienzklasse |
|---|
| Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E. |

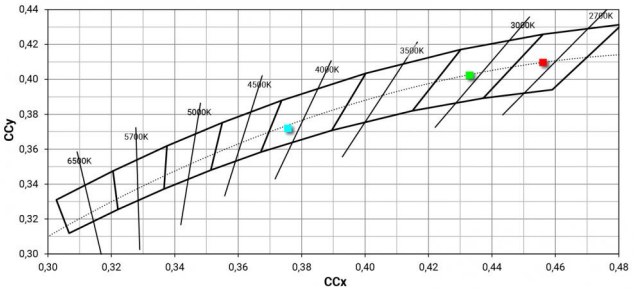
| Illuminotechnical Eigenschaften | |
|---|---|
| Light Output Ratio (LOR) | 27 % |
| Lichtstrom (Lichtquelle) | 4088 lm |
| Leuchten Lichtstrom | 1133 lm |
| Consumption | 33.6 W |
| Leuchten Lichtausbeute | 33 lm/W |
| Farbtemperatur | 2700 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex | 80 Ra |
| Black Body Locus | On |
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 40°C |

| LED Life / Failure Ratio |
|---|
| L70 B10 C0 252000h (at Tj 65  Ta 25 ) |

| UGR | |
|---|---|
| UGR axial | 8.5 |
| UGR transversal | 9.6 |
| X=4H \| Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

| OPTICAL | |
|---|---|
| Optik C0/C180 | 40° |
| Light distribution simmetry | Symmetrical |



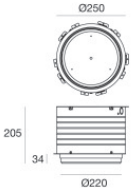






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Guardian | Downlights | Accessories
**81872M60**






Einbaugehäuse
installationsposition: decke.
Material:Grau.

**Code**
99675



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