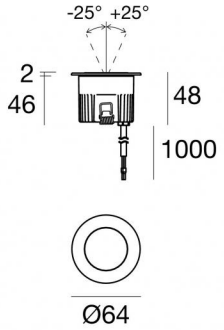
# Orma_IJ

Uplights | 1 x powerLED 5 W DC 24 V | CRI 80
**81200W60**




| Technische Daten | |
|---|---|
| Typ | Begehbar |
| Installationsposition | Boden |
| Installationsumgebung | Outdoor |
| Lichtquelle | LED |
| Circuit structure | powerLED |
| Optik | 60° |
| Light emission direction | upward |
| Lampe Nennleistung | 5 W DC |
| Lichtstrom (Lichtquelle) | 482 lm |
| Eingangsspannungsbereich | 350mA |
| Ähnlichste Farbtemperatur / Tone | 3000 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | CV |
| Isolierklasse | 3 |
| IP | IP68 |
| Installationsbeschränkung | Nicht für Einsatz unter Wasser |
| IK | IK10 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammbaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Nein |
| C.V. - C.C. Converter | 24 V Konverter enthalten |
| Leuchte dimmbar | Nein |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Ja |
| Gesamtwinkel (vertikale Ebene) | 50 ° |
| Begehbarkeit | Ja |
| Überrollbarkeit | 2000 Kg |
| Einschließlich Kabel | Ja |
| Kabellänge | 1 m |
| Harzbeschichtung | Ja |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.2 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |
| 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 | Edelstahl AISI 316L |
| Farbe | Stahl |
| Bearbeitungstyp | Bürsten |

**Elektronik**

89488
On/Off Driver 190~250V AC / 180~275V DC 14.4 W (1 - 2 art.)

89179
On/Off Driver 198~264V AC 24 W (1 - 4 art.)

89359
On/Off Driver 198~264V AC / V DC (1 - 9 art.)

99331
On/Off Driver 198~264V AC / 176~275V DC 150 W (1 - 30 art.)

99660
DALI - 1-10V Controller V DC (- art.)

C-E500023
DALI - 1-10V - Push and Simply Dim Controller V DC (- art.)

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



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Uplights | 1 x powerLED 5 W DC 24 V | CRI 80
**81200W60**

Single emission uplights for outdoor application. The warm white LED light source is composed of 1 powerled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 482 lm, with a 96.4 lm/W nominal luminous efficacy.

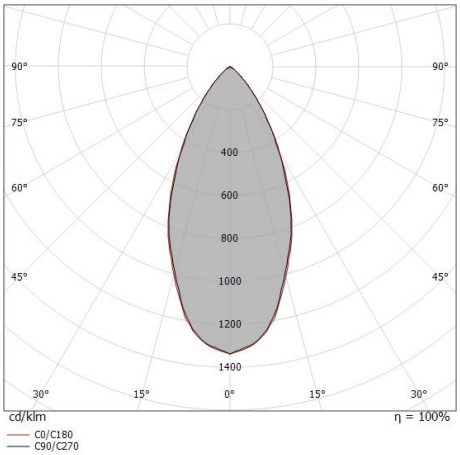
The device body is made of die-cast aluminium en ab - 46100 and features a matt black (r9005) finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered. Surface treatment of the product body through aluminum chemical conversion, followed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

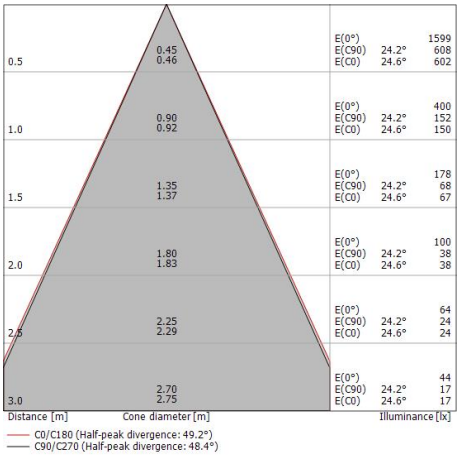
The ingress protection degree is IP68; the total weight is of 0.2 kg.

The total absorbed power is 5 W The power supply cable is included and features a 1 m length.

The device features protection class III and can be floor-mounted with an outer casing, code 99650(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) | 62 % |
| Lichtstrom (Lichtquelle) | 482 lm |
| Leuchten Lichtstrom | 299 lm |
| Consumption | 5 W |
| Leuchten Lichtausbeute | 59 lm/W |
| Farbtemperatur | 3000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex | 80 Ra |
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 40°C |

| LED Life / Failure Ratio |
|---|
| L70 B10 C0 716641h (at Tj 65 Ta 25 ) |
| L80 B10 C0 445035h (at Tj 65 Ta 25 ) |
| L90 B10 C0 205461h (at Tj 65 Ta 25 ) |

| UGR | |
|---|---|
| UGR axial | 19.7 |
| UGR transversal | 19.7 |
| X=4H \| Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

| OPTICAL | |
|---|---|
| Optik C0/C180 | 48° |
| Light distribution simmetry | Symmetrical |



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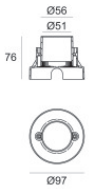
Orma_IJ | Uplights | Accessories
**81200W60**




Einbaugehäuse

installationsposition: boden; typ installation: mauerwerk L=97mm, H=76mm, D=97mm.

Material:Kunststoff ABS, farbe:Black.

| Code |
| --- |
| 99650 |



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