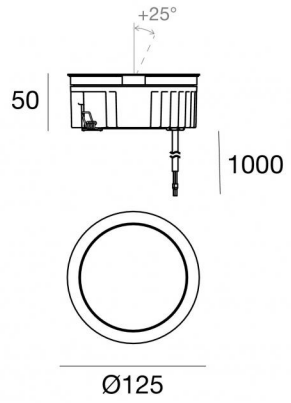
# Orma_AJ



Uplights | 1 arrayLED 12 W DC 350 mA | CRI 80
**81209W30**




| Technische Daten | |
|---|---|
| Typ | Begehbar |
| Installationsposition | Boden |
| Installationsumgebung | Outdoor |
| Lichtquelle | LED |
| Circuit structure | arrayLED |
| Optik | Medium Flood |
| Light emission direction | upward |
| Lampe Nennleistung | 12 W DC |
| Lichtstrom (Lichtquelle) | 2139 lm |
| Eingangsspannungsbereich | 350mA |
| Ähnlichste Farbtemperatur / Tone | 3000 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | CC |
| 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 |
| Leuchte dimmbar | Ja |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Ja |
| Gesamtwinkel (vertikale Ebene) | 25 ° |
| Begehbarkeit | Ja |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 1 m |
| Harzbeschichtung | Ja |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.9 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**

C-E200004
Push and Simply Dim - DALI-2 Controller (1 art.)

C-E200006
On/Off Driver 198~264V AC / V DC (1 art.)

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



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Uplights | 1 arrayLED 12 W DC 350 mA | CRI 80
**81209W30**

Single emission uplights for outdoor application. The warm white LED light source with a medium flood light distribution is composed of 1 arrayled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 2139 lm, with a 178.3 lm/W nominal luminous efficacy.

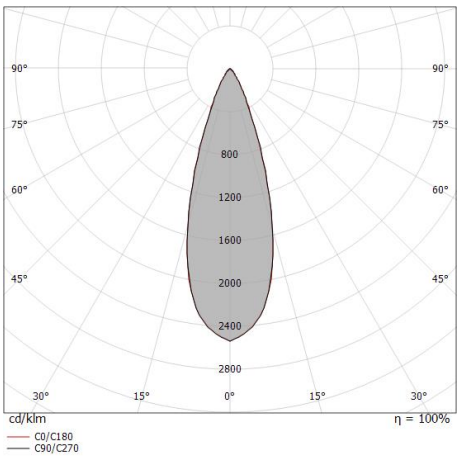
The device body is made of die-cast aluminium en ab - 46100 and features a matt black (r9005) finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. Surface treatment of the product body through aluminum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

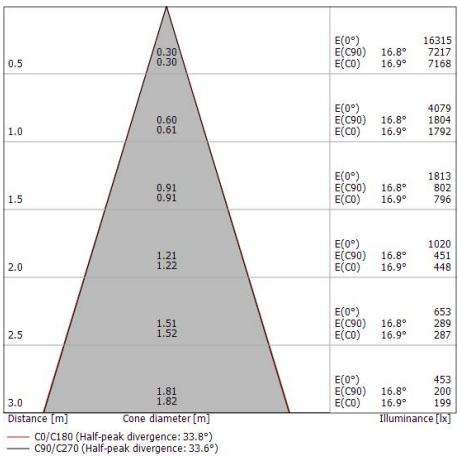
The ingress protection degree is IP68; the total weight is of 0.9 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 12 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 99857(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) | 75 % |
| Lichtstrom (Lichtquelle) | 2139 lm |
| Leuchten Lichtstrom | 1608 lm |
| Consumption | 12 W |
| Leuchten Lichtausbeute | 134 lm/W |
| Farbtemperatur | 3000 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 237566h (at Tj 65 Ta 25 ) |
| L80 B10 C0 148737h (at Tj 65 Ta 25 ) |
| L90 B10 C0 70385h (at Tj 65 Ta 25 ) |

| UGR | |
|---|---|
| UGR axial | 15.9 |
| UGR transversal | 15.4 |
| X=4H \| Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

| OPTICAL | |
|---|---|
| Optik C0/C180 | 34° |
| Light distribution simmetry | Symmetrical |



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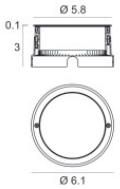
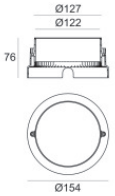
Orma_AJ | Uplights | Accessories
**81209W30**



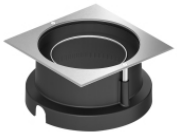

Einbaugehäuse
installationsposition: boden; typ installation: mauerwerk L=105mm, H=76mm, D=105mm.
Material:Edelstahl AISI 316, farbe:Stahl.

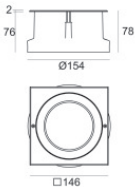
**Code**
99564




Einbaugehäuse
installationsposition: boden; typ installation: mauerwerk L=154mm, H=76mm, D=154mm.
Material:Kunststoff ABS, farbe:Black.

**Code**
99652






Einbaugehäuse
installationsposition: boden; typ installation: mauerwerk L=146mm, H=76mm, D=146mm.
Material:Edelstahl AISI 316, farbe:Stahl.

**Code**
99857



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