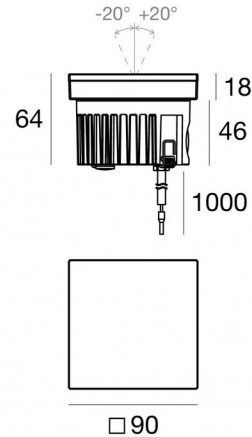


Uplights | 1 arrayLED 9 W DC 24 V | CRI 80
77321M30



| Technische Daten | |
|---|-----------------------------|
| Typ | Begehbar |
| Installationsposition | Boden |
| Installationsumgebung | Outdoor |
| Lichtquelle | LED |
| Circuit structure | arrayLED |
| Optik | Flood |
| Light emission direction | upward |
| Lampe Nennleistung | 9 W DC |
| Lichtstrom (Lichtquelle) | 1080 lm |
| Eingangsspannungsbereich | 24 V |
| Ähnlichste Farbtemperatur / Tone | 2700 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | CV |
| Isolierklasse | 3 |
| IP | IP67 |
| IK | IK10 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Nein |
| C.V. - C.C. Converter | 24 V Konverter enthalten |
| Leuchte dimmbar | DALI - 1-10V |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Ja |
| Gesamtwinkel (vertikale Ebene) | 40 ° |
| Begehbarkeit | Ja |
| Überrollbarkeit | 2000 Kg |
| Einschließlich Kabel | Ja |
| Kabellänge | 1 m |
| Harzbeschichtung | Ja |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.65 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |
| Optiktechnologie | Honey comb |
| Technische Merkmale des Produkts | Acquastop - TVS |

Oberfläche Gehäuse

| | |
|-----------------|---|
| Material | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe | Schwarz |
| Bearbeitungstyp | Offenporige Anodisierung + Pulverlackierung |

Oberfläche Diffusor

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

Elektronik



89179
On/Off Driver 198~264V AC 24 W (1 - 2 art.)



89359
On/Off Driver 198~264V AC / 180~275V DC 48 W (1 - 5 art.)



99331
On/Off Driver 198~264V AC / 176~275V DC 150 W (1 - 16 art.)



99660
DALI - 1-10V Controller 24V DC 216 W (- art.)



C-E500023
DALI - 1-10V - Push and Simply Dim Controller 8~53V DC 576 W (- art.)

Cables Electrification

| | |
|-----------------|----|
| Cable connector | No |
|-----------------|----|

Uplights | 1 arrayLED 9 W DC 24 V | CRI 80 77321M30

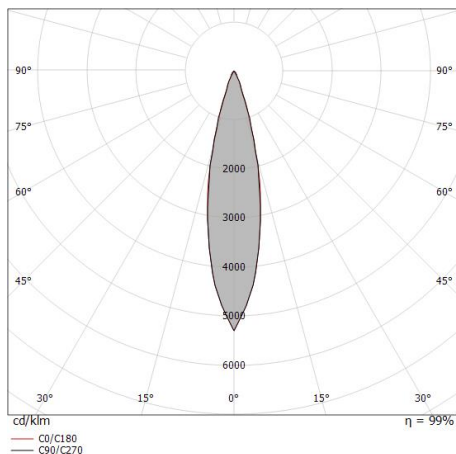
Single emission uplights for outdoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1080 lm, with a 120.0 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP67; the total weight is of 0.65 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 floor-mounted with an outer casing, code C-C100003(for concrete or masonry).

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



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.20 0.21 | E(0°) 13029 E(C90) 6180 E(C0) 6169 |
| 1.0 | 0.41 0.41 | E(0°) 3257 E(C90) 1545 E(C0) 1542 |
| 1.5 | 0.61 0.62 | E(0°) 1448 E(C90) 687 E(C0) 685 |
| 2.0 | 0.81 0.82 | E(0°) 814 E(C90) 386 E(C0) 386 |
| 2.5 | 1.02 1.03 | E(0°) 521 E(C90) 247 E(C0) 247 |
| 3.0 | 1.22 1.23 | E(0°) 362 E(C90) 172 E(C0) 171 |

— C0/C180 (Half-peak divergence: 23.2°)
— C90/C270 (Half-peak divergence: 23.0°)

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 56 % |
| Lichtstrom (Lichtquelle) | 1080 lm |
| Leuchten Lichtstrom | 614 lm |
| Consumption | 9 W |
| Leuchten Lichtausbeute | 68 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 | 50°C |

LED Life / Failure Ratio

L70 B10 C0 252000h (at Tj 65 Ta 25)

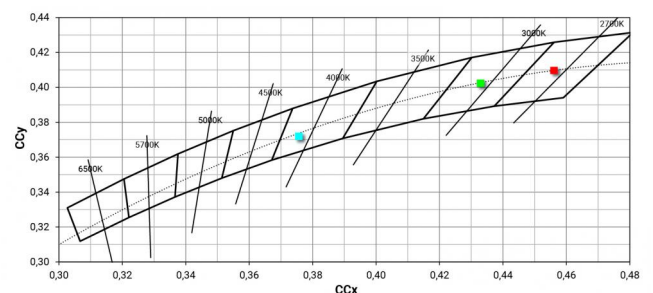
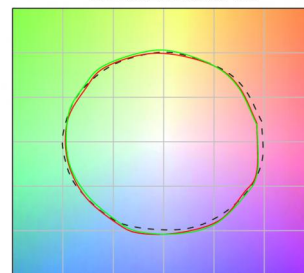
UGR

| | |
|-------------------|----------|
| UGR axial | 7.3 |
| UGR transversal | 7.2 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Optik C0/C180 | 23° |
| Light distribution simmetry | Symmetrical |

COLOR VECTOR GRAPHIC



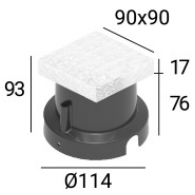


Orma_QFJ | Uplights | Accessories
77321M30



Werkzeug - Saugnapf zur Produktextraktion
Material:Kunststoff, farbe:Orange, bearbeitungstyp :Lackierung.

Code
83235



Einbaugehäuse
installationsposition: boden; typ installation: mauerwerk L=114mm, H=93mm, D=114mm.
Material:Kunststoff ABS, farbe:Schwarz.

Code
C-C100003