

Uplights | 1 x powerLED 2 W DC 630 mA | CRI 80  
77302M00



| Technische Daten                                    |                 |
|---|-----------------|
| Typ   | Begehbar        |
| Installationsposition                               | Boden           |
| Installationsumgebung                               | Outdoor         |
| Lichtquelle   | LED             |
| Circuit structure                                   | powerLED        |
| Optik   | Diffuses        |
| Light emission direction                            | upward          |
| Lampe Nennleistung                                  | 2 W DC          |
| Lichtstrom (Lichtquelle)                            | 249 lm          |
| Eingangsspannungsbereich                            | 630mA           |
| Ähnlichste Farbtemperatur / Tone                    | 2700 K          |
| Farbwiedergabeindex                                 | 80 Ra           |
| Gleichstrom/Gleichspannung                          | CC              |
| Isolierklasse                                       | 3               |
| IP  | IP67            |
| IK  | IK10            |
| Glühdrahtprüfung                                    | 850°            |
| Direkte Montage auf normal entflammaren Oberflächen | Ja              |
| CE  | Ja              |
| Einschließlich Driver                               | Nein            |
| Leuchte dimmbar                                     | DALI - 1-10V    |
| Schwenkbarkeit                                      | Nein            |
| Drehbarkeit   | Nein            |
| Begehbarkeit  | Ja              |
| Überrollbarkeit                                     | 2000 Kg         |
| 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 - TVS |

#### Oberfläche Gehäuse

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

#### Oberfläche Diffusor

|                 |                        |
|-----------------|------------------------|
| Material        | Gehärtetes Glas        |
| Farbe           | Weiß matt              |
| Bearbeitungstyp | Anti-Rutsch-Lackierung |

#### Oberfläche flansch

|                 |                |
|-----------------|----------------|
| Material        | Stahl AISI 316 |
| Farbe           | Stahl          |
| Bearbeitungstyp | Bürsten        |

#### Elektronik



89420  
On/Off Driver 198~264V AC / 180~275V DC (1 - 2 art.)



99186  
On/Off Driver 198~264V AC (6 - 12 art.)



C-E200008  
On/Off Driver 198~264V AC / 180~275V DC (3 - 6 art.)

#### Cables Electrification

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



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Single emission uplights for outdoor application. The super warm white LED light source with a diffused light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 249 lm, with a 124.5 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 glass - tempered with a anti-slip painting treatment. The ingress protection degree is IP67; 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 2 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 83410(for concrete or masonry).

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

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

### Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 17 %           |
| Lichtstrom (Lichtquelle)              | 249 lm         |
| Leuchten Lichtstrom                   | 44 lm          |
| Consumption                           | 4 W            |
| Leuchten Lichtausbeute                | 11 lm/W        |
| Farbtemperatur                        | 2700 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 80 Ra          |
| Black Body Locus                      | On             |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 50°C           |

### LED Life / Failure Ratio

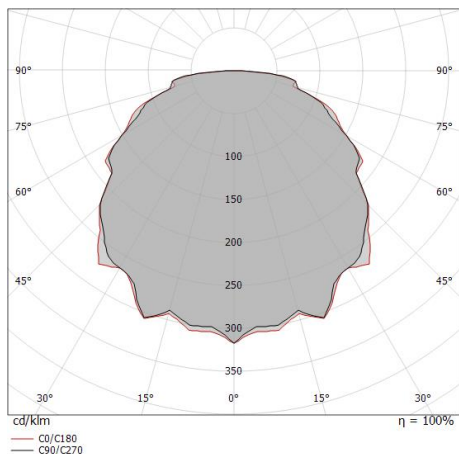
L70 B10 C0 247450h (at Tj 60 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 19.9     |
| UGR transversal   | 20       |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

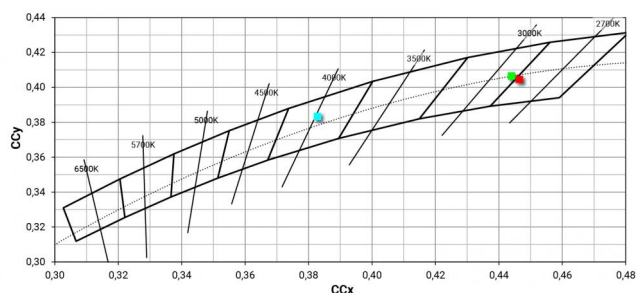
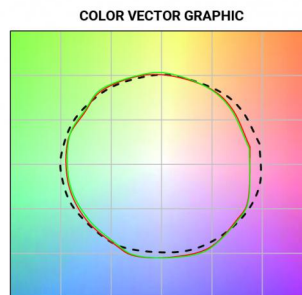
### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 117°        |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | Illuminance [lx] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|------------------|-------|--------|-------|
| 0.5          | 1.64<br>1.66      | 55<br>4<br>4     | 58.7° | 58.9°  | 58.9° |
| 1.0          | 3.29<br>3.32      | 14<br>1<br>1     | 58.7° | 58.9°  | 58.9° |
| 1.5          | 4.93<br>4.97      | 6<br>0<br>0      | 58.7° | 58.9°  | 58.9° |
| 2.0          | 6.58<br>6.63      | 3<br>0<br>0      | 58.7° | 58.9°  | 58.9° |
| 2.5          | 8.22<br>8.29      | 2<br>0<br>0      | 58.7° | 58.9°  | 58.9° |
| 3.0          | 9.87<br>9.95      | 2<br>0<br>0      | 58.7° | 58.9°  | 58.9° |

— C0/C180 (Half-peak divergence: 117.8°)  
 — C90/C270 (Half-peak divergence: 117.4°)





Orma\_QL | Uplights | Accessories  
**77302M00**



Einbaugehäuse

installationsposition: boden; typ installation: mauerwerk L=114mm, H=93mm, D=114mm.

Material:Kunststoff ABS, farbe:Schwarz.

**Code**

83410