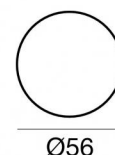
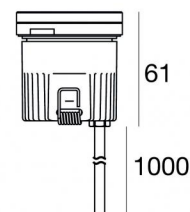


Uplights | 1 x powerLED 4 W DC 350 mA | CRI 80  
**82658W60**



| Technische Daten                                    |                                |
|-----------------------------------------------------|--------------------------------|
| Typ                                                 | Begehbar                       |
| Installationsposition                               | Boden                          |
| Installationsumgebung                               | Outdoor                        |
| Lichtquelle                                         | LED                            |
| Circuit structure                                   | powerLED                       |
| Optik                                               | Medium Wide Flood              |
| Light emission direction                            | upward                         |
| Lampe Nennleistung                                  | 4 W DC                         |
| Lichtstrom (Lichtquelle)                            | 482 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 entflammaren Oberflächen | Ja                             |
| CE                                                  | Ja                             |
| Einschließlich Driver                               | Nein                           |
| Leuchte dimmbar                                     | Ja                             |
| Schwenkbarkeit                                      | Nein                           |
| Drehbarkeit                                         | Nein                           |
| Begehbarkeit                                        | Ja                             |
| Überrollbarkeit                                     | 2000 Kg                        |
| Einschließlich Kabel                                | Ja                             |
| Kabellänge                                          | 1 m                            |
| Harzbeschichtung                                    | Ja                             |
| Einbautiefe                                         | 61 mm                          |
| Typ Lichtabstrahlung                                | Einflammig                     |
| Nettogewicht                                        | 0.2 Kg                         |
| Schutz vor elektrostatischen Entladungen            | Nein                           |
| Schutz vor Stoßspannungen                           | Nein                           |
| 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                  |
| Bearbeitungstyp | Siebdruck                    |

#### Elektronik



89421  
On/Off Driver 198~264V AC / 176~275V DC (1 art.)



C-E200004  
Push and Simply Dim - DALI-2 Controller (1 - 3 art.)



C-E200006  
On/Off Driver 198~264V AC / V DC (1 - 3 art.)

#### Cables Electrification

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

## Uplights | 1 x powerLED 4 W DC 350 mA | CRI 80 82658W60

Single emission uplights for outdoor application. The warm white LED light source with a medium wide flood light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 482 lm, with a 120.5 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 ingress protection degree is IP68; the total weight is of 0.2 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4 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 83038(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)              | 41 %           |
| Lichtstrom (Lichtquelle)              | 482 lm         |
| Leuchten Lichtstrom                   | 200 lm         |
| Consumption                           | 4 W            |
| Leuchten Lichtausbeute                | 50 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 )

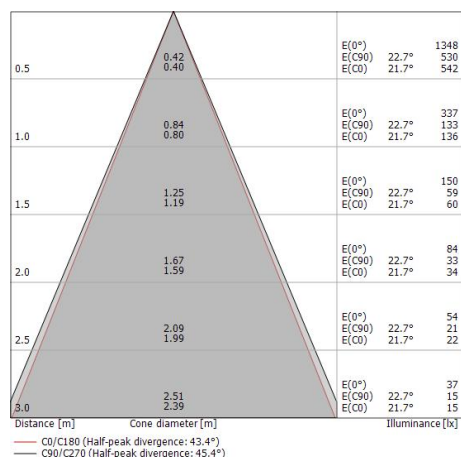
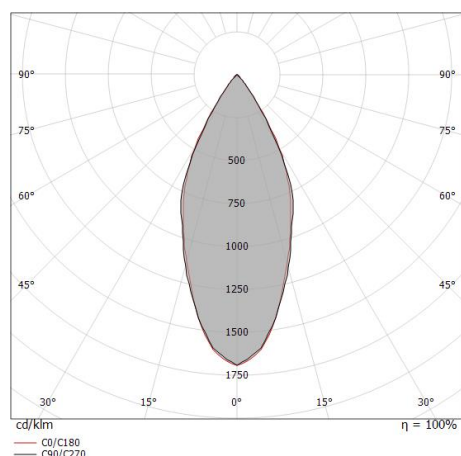
L90 B10 C0 205461h (at Tj 65 Ta 25 )

### UGR

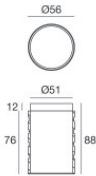
|                   |          |
|-------------------|----------|
| UGR axial         | 13.3     |
| UGR transversal   | 13.3     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 43°         |
| Light distribution simmetry | Symmetrical |



Orma\_F | Uplights | Accessories  
82658W60



Einbaugehäuse  
installationsposition: boden; typ installation: mauerwerk L=56mm, H=88mm, D=56mm.  
Material:Kunststoff ABS, farbe:Black.

Code  
99922



Einbaugehäuse  
installationsposition: boden; typ installation: mauerwerk L=97mm, H=88mm, D=97mm.  
Material:Kunststoff ABS, farbe:Black.

Code  
83038