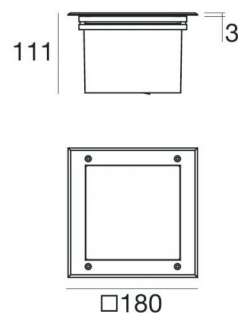


Uplights | 198-264 V  
arrayLED 13 W DC - 14.5 W AC | CRI 90  
**81943W15**



| Technische Daten                                    |                |
|-----------------------------------------------------|----------------|
| Typ                                                 | Frame          |
| Installationsposition                               | Boden          |
| Installationsumgebung                               | Outdoor        |
| Lichtquelle                                         | LED            |
| Circuit structure                                   | arrayLED       |
| Optik                                               | Spot           |
| Light emission direction                            | upward         |
| Lampe Nennleistung                                  | 13 W DC        |
| Gesamtleistung                                      | 14.5 W         |
| Lichtstrom (Lichtquelle)                            | 1724 lm        |
| Nominale Eingangsspannung                           | 220 - 240 V AC |
| Eingangsspannungsbereich                            | 198 - 264 V AC |
| Frequency                                           | 50 - 60 Hz     |
| Ähnlichste Farbtemperatur / Tone                    | 3000 K         |
| Farbwiedergabeindex                                 | 90 Ra          |
| Gleichstrom/Gleichspannung                          | AC             |
| Isolierklasse                                       | 1              |
| IP                                                  | IP67           |
| IK                                                  | IK10           |
| Glühdrahtprüfung                                    | 850°           |
| Direkte Montage auf normal entflammaren Oberflächen | Ja             |
| CE                                                  | Ja             |
| Einschließlich Driver                               | Driver         |
| Leuchte dimmbar                                     | Nein           |
| Schwenkbarkeit                                      | Nein           |
| Drehbarkeit                                         | Nein           |
| Begehbarkeit                                        | Ja             |
| Überrollbarkeit                                     | Nein           |
| Einschließlich Kabel                                | Ja             |
| Kabellänge                                          | 2 m            |
| Harzbeschichtung                                    | Ja             |
| Typ Lichtabstrahlung                                | Einflammig     |
| Nettogewicht                                        | 2.96 Kg        |
| Schutz vor elektrostatischen Entladungen            | 4 KV           |
| Schutz vor Stoßspannungen                           | 4 KV           |
| 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 316 |
| Farbe           | Stahl              |
| Bearbeitungstyp | Kugelstrahlen      |

#### Cables Electrification

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

Uplights | 198-264 V | arrayLED 13 W DC - 14.5 W AC | CRI 90  
81943W15

Single emission uplights for outdoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1724 lm, with a 132.6 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 IP67; the total weight is of 2.96 kg.

The total absorbed power is 14.5 W The power supply cable is included and features a 2 m length.

The device features protection class I and can be floor-mounted with an outer casing, code 84906(for concrete or masonry).

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

#### Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

#### Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 51 %           |
| Lichtstrom (Lichtquelle)              | 1724 lm        |
| Leuchten Lichtstrom                   | 889 lm         |
| Consumption                           | 14.5 W         |
| Leuchten Lichtausbeute                | 61 lm/W        |
| Farbtemperatur                        | 3000 K         |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |
| Black Body Locus                      | On             |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 40°C           |

#### LED Life / Failure Ratio

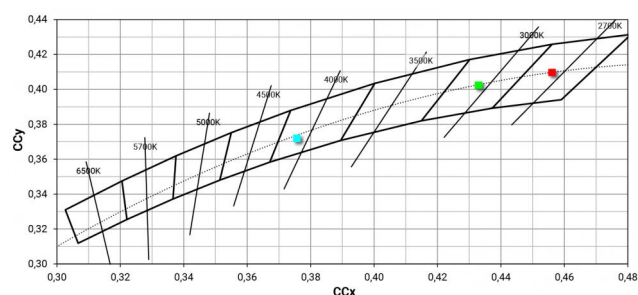
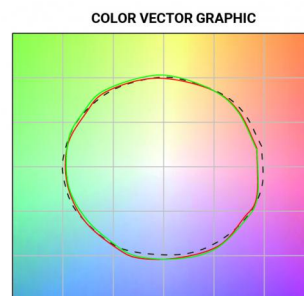
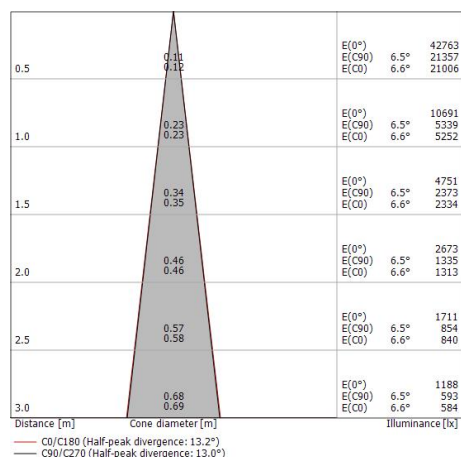
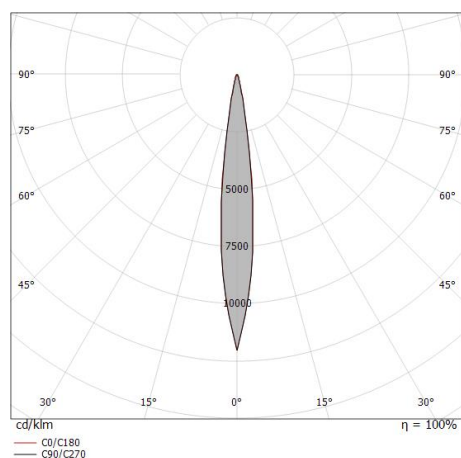
L70 B10 C0 252000h (at Tj 65 Ta 25 )

#### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 10.4     |
| UGR transversal   | 10.8     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

#### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 13°         |
| Light distribution simmetry | Symmetrical |



Fasim | Uplights | Accessories  
81943W15



Einbaugehäuse  
installationsposition: boden; typ installation: mauerwerk L=169mm, H=158mm, D=129mm.  
Material:ABS, farbe:Schwarz.

Code  
84906