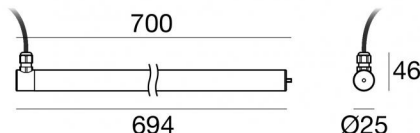




Unterwasserleuchten | 114 topLED 11 W DC 12 V
CRI 80
82642W36



Technische Daten

| | |
|---|--------------------------|
| Typ | Oberfläche |
| Installationsposition | Wand |
| Installationsumgebung | Outdoor |
| Lichtquelle | LED |
| Circuit structure | topLED |
| Optik | General Lighting |
| Light emission direction | frontal |
| Lampe Nennleistung | 11 W DC |
| Lichtstrom (Lichtquelle) | 1470 lm |
| Ähnlichste Farbtemperatur / Tone | 3000 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | CV |
| Isolierklasse | 3 |
| IP | IP68 |
| Maximale Einbautiefe | 25 m |
| IK | IK08 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Nein |
| Leuchte dimmbar | DALI - 1-10V |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Nein |
| Begehbarkeit | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 5 m |
| Harzbeschichtung | Ja |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.45 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |
| Technische Merkmale des Produkts | Acquastop - UV Resistant |


Oberfläche Gehäuse


| | |
|----------|-----------------|
| Material | Stahl AISI 316L |
| Farbe | Stahl |


Oberfläche Diffusor


| | |
|----------|----------------------------|
| Material | Polycarbonat UV-beständige |
| Farbe | transparent |

Elektronik

 83010
On/Off Driver 90~264V AC / 127~370V DC 60 W (1 - 5 art.)

 83015
DALI Controller 90~305V AC / 127~431V DC 120 W (1 - 10 art.)

 83013
On/Off Driver 180~305V AC / 254~431V DC 120 W (1 - 10 art.)

 83012
DALI Controller 90~305V AC / 127~431V DC 60 W (1 - 5 art.)

Cables Electrification

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

Unterwasserleuchten | 114 topLED 11 W DC 12 V | CRI 80 82642W36

Single emission submerged for outdoor application. The warm white LED light source with a general lighting light distribution is composed of 114 topped LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1470 lm, with a 133.6 lm/W nominal luminous efficacy.

The device body is made of aisi 316l steel and features a steel finish; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP68; the total weight is of 0.45 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 11 W. The power supply cable is included and features a 5 m length.

The device features protection class III and can be wall lights-mounted with an outer casing, code 83022(for concrete or masonry).

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

Energieeffizienzklasse

Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 83 % |
| Lichtstrom (Lichtquelle) | 1470 lm |
| Leuchten Lichtstrom | 1228 lm |
| Consumption | 11 W |
| Leuchten Lichtausbeute | 111 lm/W |
| Farbtemperatur | 3000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex | 80 Ra |
| Standardumgebungstemperatur | -40 / +50°C |
| Typische Temperatur am Glas | 40°C |

LED Life / Failure Ratio

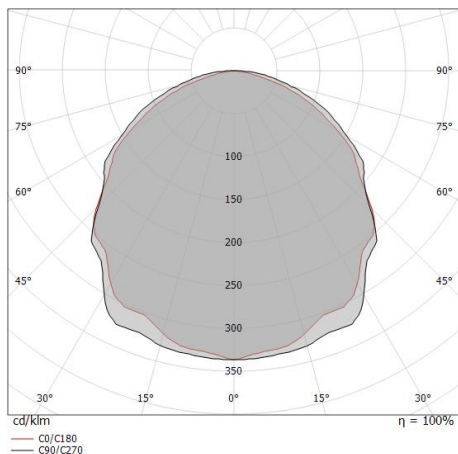
L70 B10 C0 145770h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 28.3 |
| UGR transversal | 27.2 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|---------------------|
| Optik C90/C270 | 115° |
| Optik C0/C180 | 111° |
| Light distribution simmetry | Symmetrical 2 assis |



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|---------------------------------------|
| 0.5 | 1.56 1.46 | E(0°) 1655 E(C90) 131 E(C0) 150 |
| 1.0 | 3.12 2.91 | E(0°) 414 E(C90) 33 E(C0) 38 |
| 1.5 | 4.67 4.37 | E(0°) 184 E(C90) 15 E(C0) 17 |
| 2.0 | 6.23 5.82 | E(0°) 103 E(C90) 8 E(C0) 9 |
| 2.5 | 7.79 7.28 | E(0°) 66 E(C90) 5 E(C0) 6 |
| 3.0 | 9.35 8.73 | E(0°) 46 E(C90) 4 E(C0) 4 |

— C0/C180 (Half-peak divergence: 111.0°)
- - C90/C270 (Half-peak divergence: 114.6°)



MK68_R | Submerged | Accessories
82642W36



Stecker - 3-Wege-Gelstecker - IP68 Max 3x1,5 mm²

Code
98991



Stecker - 3-Wege-Anschluss - IP68 Min. 3 x 0,5 mm² / Max. 3 x 1,5 mm²

Code
84893



Stecker

Code
89548

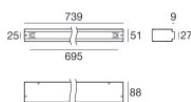


Klammer

installationsposition: wand, decke, boden L=101.5mm, H=45mm, D=41.5mm.

Material:Stahl AISI 316, farbe:Stahl.

Finish
 **Code**
83020



Einbaugehäuse

installationsposition: boden; typ installation: mauerwerk L=739mm, H=88mm, D=51mm.

Material:Stahl AISI 316, farbe:Stahl.

Finish
 **Code**
83022