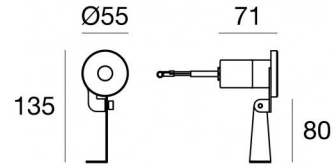




Unterwasserleuchten | 1 x powerLED 4 W DC 350 mA
CRI 80
80314W30



| Technische Daten | |
|---|----------------------|
| Typ | Oberfläche |
| Installationsposition | Wand - Decke - Boden |
| Installationsumgebung | Outdoor |
| Lichtquelle | LED |
| Circuit structure | powerLED |
| Optik | Flood |
| Light emission direction | upward |
| Lampe Nennleistung | 4 W DC |
| Lichtstrom (Lichtquelle) | 490 lm |
| Eingangsspannungsbereich | 350mA |
| Ähnlichste Farbtemperatur / Tone | 3000 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | CC |
| Isolierklasse | 3 |
| IP | IP68 |
| Maximale Einbautiefe | 25 m |
| Installationsbeschränkung | Nur unter Wasser |
| 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 | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 5 m |
| Harzbeschichtung | Ja |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.4 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |
| Technische Merkmale des Produkts | Acquastop - TVS |

Oberfläche Gehäuse

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


Oberfläche Diffusor


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

Oberfläche bügel

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

Elektronik

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

 C-E200006
On/Off Driver 198~264V AC / 180~275V DC (2 - 3 art.)

Cables Electrification

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



Unterwasserleuchten | 1 x powerLED 4 W DC 350 mA | CRI 80 80314W30

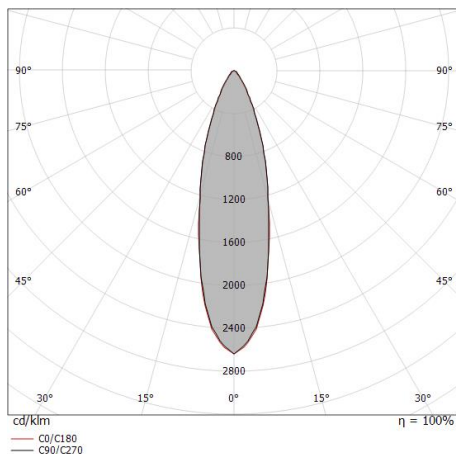
Single emission submerged for outdoor application. The warm white LED light source with a flood light distribution is composed of 1 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 490 lm, with a 122.5 lm/W nominal luminous efficacy.

The device body is made of aisi 316l steel and features a steel finish; the diffuser is made of extra clear glass - tempered. The ingress protection degree is IP68; the total weight is of 0.4 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 5 m length.

The device features protection class III and can be wall lights, ceiling or floor-mounted.

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



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|---|
| 0.5 | 0.25 0.25 | E(0°) 3811 E(C90) 1747 E(C0) 1739 |
| 1.0 | 0.50 0.51 | E(0°) 953 E(C90) 437 E(C0) 435 |
| 1.5 | 0.75 0.76 | E(0°) 423 E(C90) 194 E(C0) 193 |
| 2.0 | 1.00 1.01 | E(0°) 238 E(C90) 109 E(C0) 109 |
| 2.5 | 1.26 1.27 | E(0°) 152 E(C90) 70 E(C0) 70 |
| 3.0 | 1.51 1.52 | E(0°) 106 E(C90) 49 E(C0) 48 |

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 28.4°)
— C90/C270 (Half-peak divergence: 28.2°)

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 73 % |
| Lichtstrom (Lichtquelle) | 490 lm |
| Leuchten Lichtstrom | 361 lm |
| Consumption | 4 W |
| Leuchten Lichtausbeute | 90 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 247450h (at Tj 60 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 24.9 |
| UGR transversal | 24.9 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Optik C0/C180 | 28° |
| Light distribution simmetry | Symmetrical |