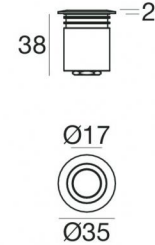




Unterwasserleuchten | 1 x powerLED 1.5 W DC 500 mA
CRI 80
97315N60



| Technische Daten | |
|---|----------------------|
| Typ | Unterwasserleuchten |
| Installationsposition | Wand - Decke - Boden |
| Installationsumgebung | Outdoor |
| Lichtquelle | LED |
| Circuit structure | powerLED |
| Optik | Wide Flood |
| Light emission direction | upward |
| Lampe Nennleistung | 1.5 W DC |
| Lichtstrom (Lichtquelle) | 227 lm |
| Eingangsspannungsbereich | 500mA |
| Ähnlichste Farbtemperatur / Tone | 4000 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | CC |
| Isolierklasse | 3 |
| IP | IP68 |
| Maximale Einbautiefe | 20 m |
| 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 | 1500 Kg |
| Einschließlich Kabel | Ja |
| Kabellänge | 1 m |
| Harzbeschichtung | Ja |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.168 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |
| Technische Merkmale des Produkts | Acquastop - TVS |

Oberfläche Gehäuse

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

Elektronik



89423
On/Off Driver 198~264V AC / 176~275V DC (2 - 3 art.)



89422
On/Off Driver 198~264V AC / 176~275V DC (1 - 2 art.)



C-E200007
On/Off Driver 198~264V AC / 180~275V DC (3 - 6 art.)

Cables Electrification

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



Unterwasserleuchten | 1 x powerLED 1.5 W DC 500 mA | CRI 80 97315N60

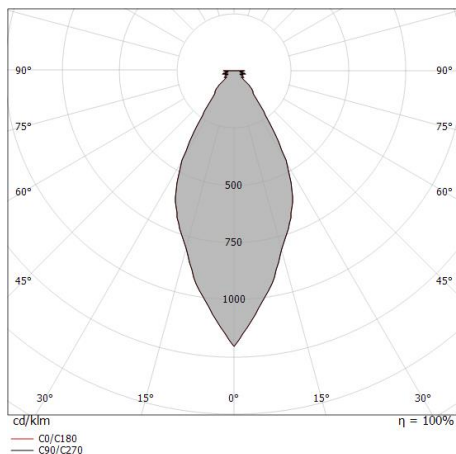
Single emission submerged for outdoor application. The natural white LED light source with a wide flood light distribution is composed of 1 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 227 lm, with a 151.3 lm/W nominal luminous efficacy.

The device body is made of aisi 316l steel and features a steel finish, processed by means of shot peening. The ingress protection degree is IP68; the total weight is of 0.168 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 1.5 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be wall lights, ceiling or floor-mounted with an outer casing, code 98060(for concrete or masonry).

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



| | | | | |
|-----|------|----------------|-------|------------|
| 0.5 | 0.47 | E(0°) E(C0) | 25.1° | 800 298 |
| 1.0 | 0.94 | E(0°) E(C0) | 25.1° | 200 75 |
| 1.5 | 1.41 | E(0°) E(C0) | 25.1° | 89 33 |
| 2.0 | 1.87 | E(0°) E(C0) | 25.1° | 50 19 |
| 2.5 | 2.34 | E(0°) E(C0) | 25.1° | 32 12 |
| 3.0 | 2.81 | E(0°) E(C0) | 25.1° | 22 8 |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 50.2°)

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|----------|
| Light Output Ratio (LOR) | 73 % |
| Lichtstrom (Lichtquelle) | 227 lm |
| Leuchten Lichtstrom | 166 lm |
| Consumption | 1,5 W |
| Leuchten Lichtausbeute | 166 lm/W |
| Farbtemperatur | 4000 K |
| Standard Deviation of Colour Matching | 1.5 Step |
| Farbwiedergabeindex | 80 Ra |

| | |
|-----------------------------|-------------|
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 40°C |

LED Life / Failure Ratio

L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 31.4 |
| UGR transversal | 31.4 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Optik C0/C180 | 50° |
| Light distribution simmetry | Symmetrical |



Sub_R | Submerged | Accessories
97315N60



Einbaugehäuse - IP68

installationsposition: wand, boden; typ installation: mauerwerk L=75mm, H=93mm, D=75mm.

Material:Kunststoff ABS, farbe:Schwarz.

Code

98148



Einbaugehäuse - Nicht für Einsatz unter Wasser

installationsposition: wand, boden; typ installation: mauerwerk L=70mm, H=54mm, D=70mm.

Material:Kunststoff ABS, farbe:Schwarz.

Code

98060