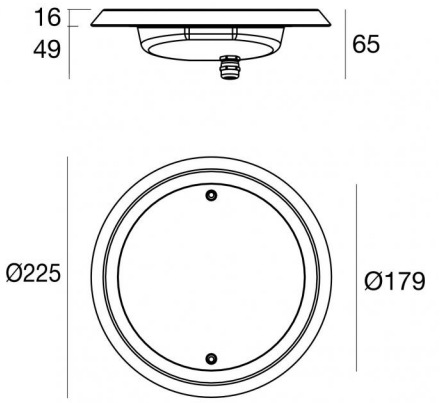
Unterwasserleuchten | 9 x powerLEDs 38 W DC 12 V
CRI 80
**C00084SEWX2**

MARINE GRADE






| Technische Daten | |
|---|---|
| Typ | Frame |
| Installationsposition | Wand - Boden |
| Installationsumgebung | Outdoor |
| Lichtquelle | LED |
| Circuit structure | powerLEDs |
| Optik | Mix Flux 2 Asymmetric + Flood |
| Light emission direction | frontal |
| Lampe Nennleistung | 38 W DC |
| Lichtstrom (Lichtquelle) | 4563 lm |
| Ähnlichste Farbtemperatur / Tone | 3000 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | CV |
| Isolierklasse | 3 |
| IP | IP68 |
| Maximale Einbautiefe | 25 m |
| Installationsbeschränkung | Nur unter Wasser |
| IK | IK10 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammbaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Nein |
| Leuchte dimmbar | Ja |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Nein |
| Begehbarkeit | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 20 m |
| Harzbeschichtung | Ja |
| Einbautiefe | 51 mm |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 2.3 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |
| Technische Merkmale des Produkts | Acquastop |

| Oberfläche Oberfläche Gehäuse | |
|---|---|
| Material | Edelstahl AISI 316 |
| Farbe | Stahl |
| Bearbeitungstyp | Elektropolierbad |

| Oberfläche Oberfläche diffusor | |
|---|---|
| Bearbeitungstyp | Siebdruck |

| Oberfläche Oberfläche flansch | |
|---|---|
| Material | Edelstahl AISI 316 |
| Farbe | Stahl |
| Bearbeitungstyp | Elektropolierbad |

**Elektronik**



83010
On/Off Driver 90~264V AC / V DC (1 art.)



83015
DALI Controller 90~305V AC / V DC (1 - 2 art.)



83013
On/Off Driver 180~305V AC / 254~431V DC  120 W (1 - 3 art.)



83012
DALI Controller 90~305V AC / V DC (1 art.)

| Cables Electrification | |
|---|---|
| Cable connector | No connector - Neoprene 2x1mm² |



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Unterwasserleuchten | 9 x powerLEDs 38 W DC 12 V | CRI 80
**C00084SEWX2**

Single emission submerged for outdoor application. The warm white LED light source with a mix flux 2 asymmetric + flood light distribution is composed of 9 powerled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 4563 lm, with a 120.1 lm/W nominal luminous efficacy.

Product suitable for installations in coastal areas with high salinity and strong exposure to atmospheric agents.

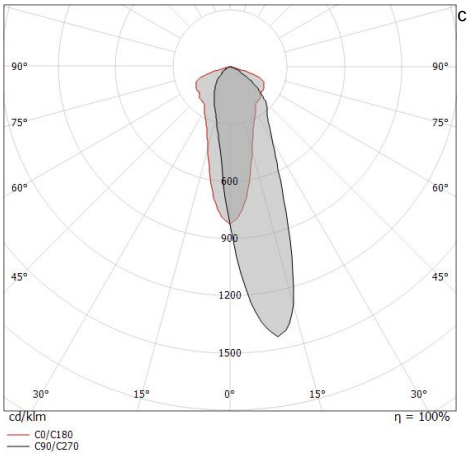
The device body is made of aisi 316 stainless steel and features a steel finish, processed by means of electropolishing; the diffuser is made with a silk-screening treatment. The robust steel structure enhances the fixture’s design and ensures long?lasting performance, even in the most demanding environments.The product flange is made of steel, a material that ensures high robustness, superior mechanical strength and extended durability, guaranteeing maximum component reliability over time.

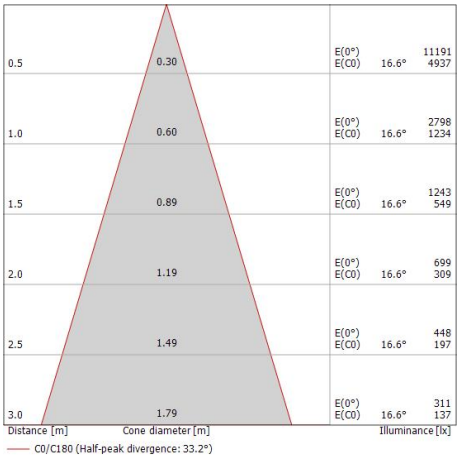
The ingress protection degree is IP68; the total weight is of 2.3 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 38 W The power supply cable is included and features a 20 m length.

The device features protection class III and can be wall lights or floor-mounted with an outer casing, code 83198(for concrete or masonry).

c provisions.




| Energieeffizienzklasse |
|---|
| Dieses Produkt enthält 3 Lichtquellen der Energieeffizienzklasse E. |

| Illuminotechnical Eigenschaften | |
|---|---|
| Light Output Ratio (LOR) | 74 % |
| Lichtstrom (Lichtquelle) | 4563 lm |
| Leuchten Lichtstrom | 3384 lm |
| Consumption | 38 W |
| Leuchten Lichtausbeute | 89 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 363000h (at Tj 65  Ta 25 ) |
| L80 B10 C0 237566h (at Tj 65  Ta 25 ) |
| L90 B10 C0 151000h (at Tj 65  Ta 25 ) |

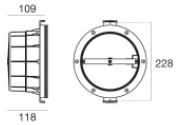
| OPTICAL | |
|---|---|
| Optik C0/C180 | 33° |
| Light distribution simmetry | Asymmetrical |



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MK68_R | Submerged | Accessories
**C00084SEWX2**

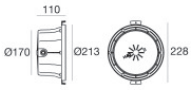





Einbaugehäuse - Außengehäuse zur Installation auf Leinwand
installationsposition: wand; typ installation: mauerwerk L=213mm, H=213mm, D=110mm.
Material:Kunststoff ABS, farbe:Black.

**Code**
83198






Einbaugehäuse - Gehäuse IP68 zur Montage auf Mauerwerk (Fliesen oder Mosaik)
installationsposition: wand; typ installation: mauerwerk L=213mm, H=213mm, D=110mm.
Material:Kunststoff ABS, farbe:Black.

**Code**
83142



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