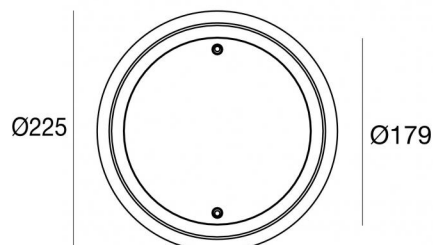
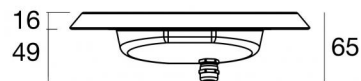


Unterwasserleuchten | 9 x powerLEDs 38 W DC 12 V

CRI 80

C00084SENDI



Technische Daten	
Typ	Frame
Installationsposition	Wand - Boden
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	powerLEDs
Optik	Diffuses
Light emission direction	frontal
Lampe Nennleistung	38 W DC
Lichtstrom (Lichtquelle)	4921 lm
Ähnlichste Farbtemperatur / Tone	4000 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 entflammaren 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
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Oberfläche Oberfläche flansch

Material	Edelstahl AISI 316
Farbe	Stahl
Bearbeitungstyp	Elektropolierbad

Elektronik

	83010 On/Off Driver 90~264V AC / V DC (1 art.)
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	83015 DALI Controller 90~305V AC / V DC (1 - 2 art.)
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	83013 On/Off Driver 180~305V AC / 254~431V DC 120 W (1 - 3 art.)
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	83012 DALI Controller 90~305V AC / V DC (1 art.)
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Cables Electrification

Cable connector	No connector - Neoprene 2x1mm²
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Unterwasserleuchten | 9 x powerLEDs 38 W DC 12 V | CRI 80
C00084SENDI

Single emission submerged for outdoor application. The natural white LED light source with a diffused light distribution is composed of 9 powered LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 4921 lm, with a 129.5 lm/W nominal luminous efficacy.

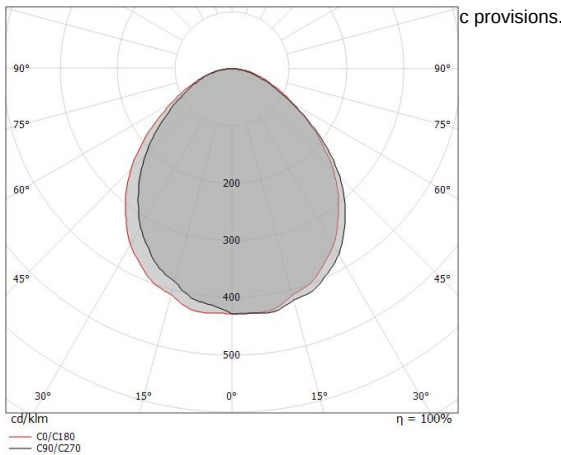
Product suitable for installations in coastal areas with high salinity and strong exposure to atmospheric agents.

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).



0.5	1.16	E(0°) E(C0)	49.2°	6008 842
1.0	2.32	E(0°) E(C0)	49.2°	1502 211
1.5	3.48	E(0°) E(C0)	49.2°	668 94
2.0	4.63	E(0°) E(C0)	49.2°	376 53
2.5	5.79	E(0°) E(C0)	49.2°	240 34
3.0	6.95	E(0°) E(C0)	49.2°	167 23

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

— C0/C180 (Half-peak divergence: 98.4°)

Energieeffizienzklasse

Dieses Produkt enthält 3 Lichtquellen der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	71 %
Lichtstrom (Lichtquelle)	4921 lm
Leuchten Lichtstrom	3512 lm
Consumption	38 W
Leuchten Lichtausbeute	92 lm/W
Farbtemperatur	4000 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)

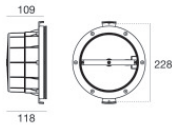
L80 B10 C0 237566h (at Tj 65 Ta 25)

L90 B10 C0 151000h (at Tj 65 Ta 25)

OPTICAL

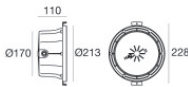
Optik C0/C180	98°
Light distribution simmetry	Asymmetrical

MK68_R | Submerged | Accessories
C00084SENDI



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