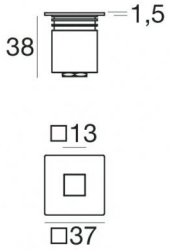
Unterwasserleuchten | 1 x powerLED 1.5 W DC 500 mA
CRI 80
97317N60

MARINE GRADE



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 entflammbaren 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
Einbautiefe	38 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.195 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Technische Merkmale des Produkts	Acquastop - TVS

Oberfläche Oberfläche Gehäuse	
Material	Edelstahl 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-E200003
Push and Simply Dim - DALI-2 Controller (5 - 12 art.)

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

Cables Electrification	
Cable connector	No

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Single emission submerged for outdoor application. The natural white LED light source with a wide flood light distribution is composed of 1 powerled 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.

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

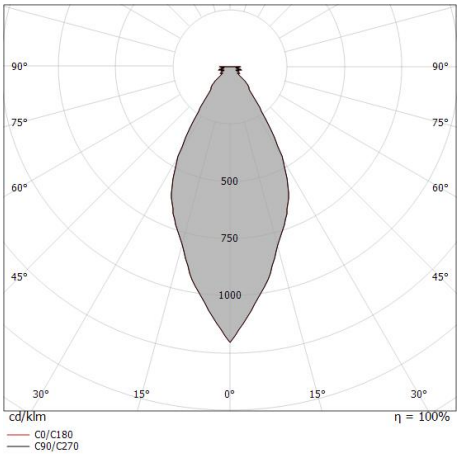
The device body is made of aisi 316l stainless steel and features a steel finish, processed by means of shot peening. The robust steel structure enhances the fixture's design and ensures long?lasting performance, even in the most demanding environments.

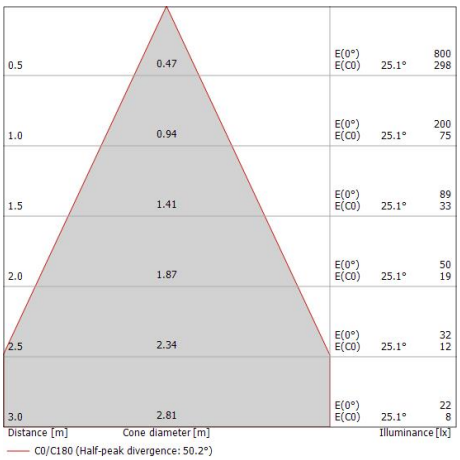
The ingress protection degree is IP68; the total weight is of 0.195 kg. The power supply driver is not provided and is to be ordered separately.

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.





Energieeffizienzklasse
Dieses 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 1240219h (at Tj 65 Ta 25)
L80 B10 C0 745627h (at Tj 65 Ta 25)
L90 B10 C0 309367h (at Tj 65 Ta 25)

UGR	
UGR axial	32.4
UGR transversal	32.4
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	50°
Light distribution simmetry	Symmetrical

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Sub_Q | Submerged | Accessories
97317N60

Einbaugehäuse - IP68
installationsposition: wand, boden; typ installation: mauerwerk L=75mm, H=93mm, D=75mm.
Material:Kunststoff ABS, farbe:Black.

Code
98148

Einbaugehäuse - Nicht für Einsatz unter Wasser
installationsposition: wand, boden; typ installation: mauerwerk L=70mm, H=54mm, D=70mm.
Material:Kunststoff ABS, farbe:Black.

Code
98060

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