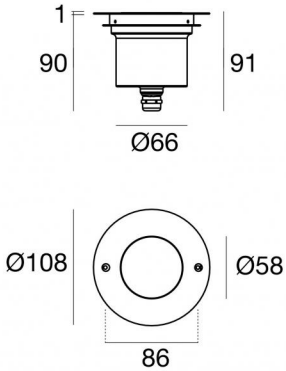
MK68_RF

Unterwasserleuchten | 1 x powerLEDs 4.5 W DC 12 V
CRI 80
84031W20



Technische Daten	
Typ	Frame
Installationsposition	Wand - Boden
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	powerLEDs
Optik	Flood
Light emission direction	frontal
Lampe Nennleistung	4.5 W DC
Lichtstrom (Lichtquelle)	575 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	DALI - 1-10V
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	2 m
Harzbeschichtung	Ja
Einbautiefe	90 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	1.14 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Technische Merkmale des Produkts	Acquastop

Oberfläche Oberfläche Gehäuse	
Material	Edelstahl AISI 316
Farbe	Stahl

Oberfläche Oberfläche diffusor	
Bearbeitungstyp	Siebdruck

Oberfläche Oberfläche flansch	
Material	Edelstahl AISI 316
Farbe	Stahl

Elektronik

83010
On/Off Driver 90~264V AC / V DC (1 - 12 art.)

83015
DALI Controller 90~305V AC / V DC (1 - 25 art.)

83013
On/Off Driver 180~305V AC / 254~431V DC 120 W (1 - 26 art.)

83012
DALI Controller 90~305V AC / V DC (1 - 11 art.)

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Single emission submerged for outdoor application. The warm white LED light source with a flood light distribution is composed of 1 powerled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 575 lm, with a 127.8 lm/W nominal luminous efficacy.

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

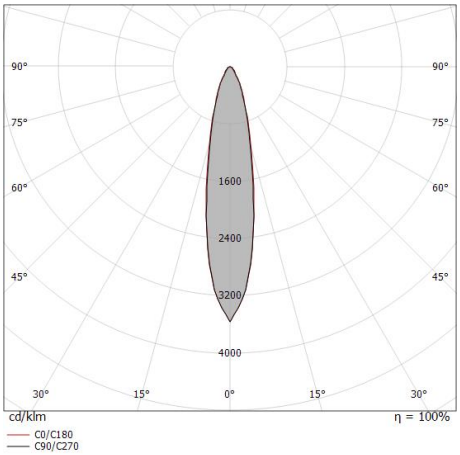
The device body is made of aisi 316 stainless steel and features a steel finish; the diffuser is made with a silk-screening treatment. The robust steel structure enhances the fixture's design and ensures long?lasting performance, even in the most demanding environments.The product flange is made of steel,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

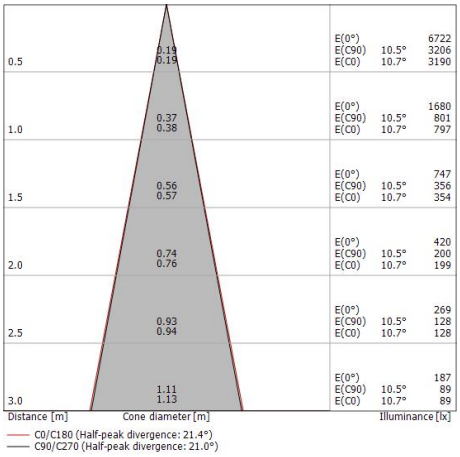
The ingress protection degree is IP68; the total weight is of 1.14 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4.5 W The power supply cable is included and features a 2 m length.

The device features protection class III and can be wall lights or floor-mounted with an outer casing, code 83140(for concrete or masonry).

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





Energieeffizienzklasse
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	82 %
Lichtstrom (Lichtquelle)	575 lm
Leuchten Lichtstrom	472 lm
Consumption	4.5 W
Leuchten Lichtausbeute	104 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)

UGR	
UGR axial	20
UGR transversal	19.9
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	21°
Light distribution simmetry	Symmetrical

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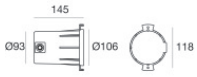
MK68_RF | Submerged | Accessories
84031W20



Einbaugehäuse - Gehäuse IP68 zur Montage auf Mauerwerk (Fliesen oder Mosaik)
installationsposition: wand; typ installation: mauerwerk L=106mm, H=106mm, D=145mm.
Material:Kunststoff ABS, farbe:Black.

Code
83140

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