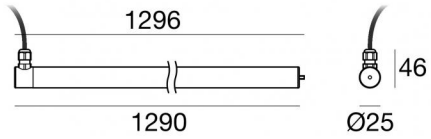
Unterwasserleuchten | 228 topLED 20 W DC 12 V
CRI 80
82644N36

MARINE GRADE





Technische Daten	
Typ	Oberfläche
Installationsposition	Wand
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	topLED
Optik	General Lighting
Light emission direction	frontal
Lampe Nennleistung	20 W DC
Lichtstrom (Lichtquelle)	3260 lm
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	CV
Isolierklasse	3
IP	IP68
Maximale Einbautiefe	25 m
IK	IK08
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammbaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	DALI - 1-10V
Schwenkbarkeit	Orientabile
Gesamtwinkel (vertikale Ebene)	360 °
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	5 m
Harzbeschichtung	Ja
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.65 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Technische Merkmale des Produkts	Acquastop - UV Resistant

Oberfläche Oberfläche Gehäuse	
Material	Edelstahl AISI 316L
Farbe	Stahl

Oberfläche Oberfläche diffusor	
Material	UV beständiges Polycarbonat
Farbe	Transparent

Elektronik



83010
On/Off Driver 90~264V AC / V DC (1 - 3 art.)



83015
DALI Controller 90~305V AC / V DC (1 - 6 art.)



83013
On/Off Driver 180~305V AC / 254~431V DC 120 W (1 - 6 art.)



83012
DALI Controller 90~305V AC / V DC (1 - 3 art.)

Cables Electrification	
Cable connector	No

Linea Light Group reserves the right, without any advance notice, to change the characteristics of their products, as well as the availability of the same at any time. No product, relative technical data, illustrations and information are binding for Linea Light Group. Linea Light Group will not be held liable for any illustration, text and/or translation\ errors. All values indicated are measured values. There is a +/- 10% tolerance for the flow, CCT and power data.

Unterwasserleuchten | 228 topLED 20 W DC 12 V | CRI 80
82644N36

Single emission submerged for outdoor application. The natural white LED light source with a general lighting light distribution is composed of 228 topled LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 3260 lm, with a 163.0 lm/W nominal luminous efficacy.

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

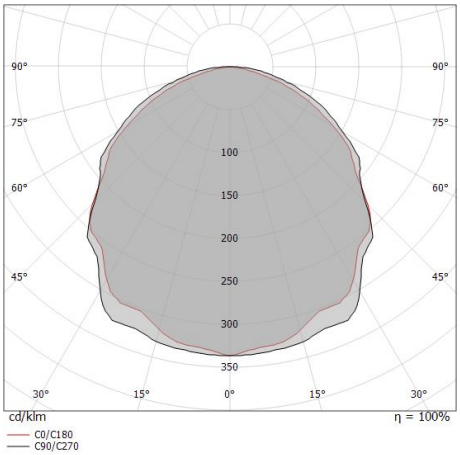
The device body is made of aisi 316l stainless steel and features a steel finish; the diffuser is made of uv resistant polycarbonate. The robust steel structure enhances the fixture's design and ensures long?lasting performance, even in the most demanding environments.

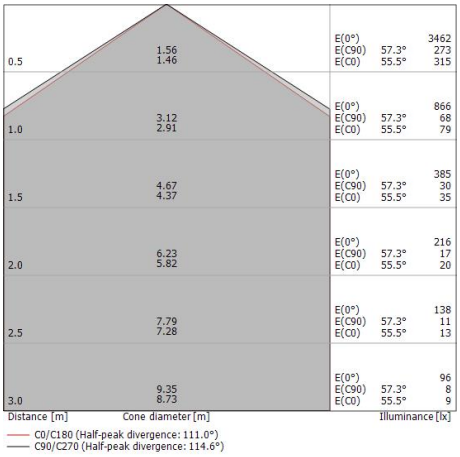
The ingress protection degree is IP68; the total weight is of 0.65 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 20 W The power supply cable is included and features a 5 m length.

The device features protection class III and can be wall lights-mounted with an outer casing, code 83023(for concrete or masonry).

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





Energieeffizienzklasse
Dieses Produkt enthält 4 Lichtquellen der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	83 %
Lichtstrom (Lichtquelle)	3260 lm
Leuchten Lichtstrom	2723 lm
Consumption	20 W
Leuchten Lichtausbeute	136 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-40 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio
L70 B10 C0 494435h (at Tj 65 Ta 25)
L80 B10 C0 310287h (at Tj 65 Ta 25)
L90 B10 C0 147856h (at Tj 65 Ta 25)

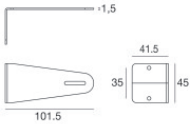
UGR	
UGR axial	28.4
UGR transversal	27.3
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C90/C270	115°
Optik C0/C180	111°
Light distribution simmetry	Symmetrical 2 assis

Linea Light Group reserves the right, without any advance notice, to change the characteristics of their products, as well as the availability of the same at any time. No product, relative technical data, illustrations and information are binding for Linea Light Group. Linea Light Group will not be held liable for any illustration, text and/or translation\ errors. All values indicated are measured values. There is a +/- 10% tolerance for the flow, CCT and power data.

MK68_LR | Submerged | Accessories
82644N36





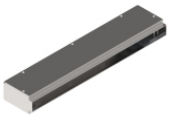
Klammer
installationsposition: wand, decke, boden L=101.5mm, H=45mm, D=41.5mm.
Material:Edelstahl AISI 316, farbe:Stahl.

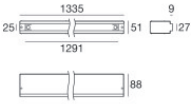
Code
83020



Stecker

Code
89548





Einbaugehäuse
installationsposition: boden; typ installation: mauerwerk L=1335mm, H=88mm, D=51mm.
Material:Edelstahl AISI 316, farbe:Stahl.

Code
83023



Stecker - 3-Wege-Gelstecker - IP68 Max 3x1,5 mm2

Code
98991



Stecker - 3-Wege-Anschluss - IP68 Min. 3 x 0,5 mm² / Max. 3 x 1,5 mm²

Code
84893

Linea Light Group reserves the right, without any advance notice, to change the characteristics of their products, as well as the availability of the same at any time. No product, relative technical data, illustrations and information are binding for Linea Light Group. Linea Light Group will not be held liable for any illustration, text and/or translation\ errors. All values indicated are measured values. There is a +/- 10% tolerance for the flow, CCT and power data.