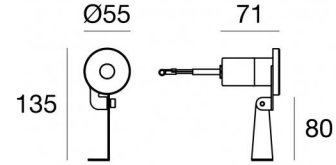




Submerged | 1 x powerLED 4 W DC 350 mA | CRI 80  
80314M60



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Wide Flood
Light emission direction	upward
Nominal power	4 W DC
Source lumens	490 lm
Input voltage range	350mA
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP68
Maximum installation depth	25 m
Installation limitations	Only underwater
IK	IK10
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	Yes
Cable length	5 m
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.4 Kg
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	Acquastop - TVS

### Finishing casing

Material	AISI 316L steel
Colour	steel

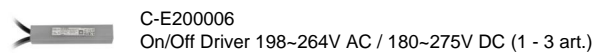
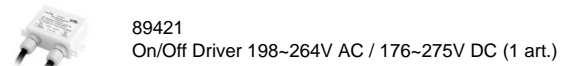
### Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent

### Finishing bracket

Material	AISI 316 steel
Colour	steel

### Electronics



### Cables Electrification

Cable connector	No
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Submerged | 1 x powerLED 4 W DC 350 mA | CRI 80 | Base  
**80314M60**

Single emission submerged for outdoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 490 lm, with a 122.5 lm/W nominal luminous efficacy.

The device body is made of aisi 316l steel and features a steel finish; the diffuser is made of extra clear glass - tempered. The ingress protection degree is IP68; the total weight is of 0.4 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4 W. The power supply cable is included and features a 5 m length.

The device features protection class III and can be wall lights, ceiling or floor-mounted.

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

### Energy efficiency class

This product contains a light source of energy efficiency class E.

### Illuminotechnical Features

Light Output Ratio (LOR)	81 %
Source lumens	490 lm
Delivered lumens	399 lm
Consumption	4 W
Luminaire efficacy	99 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

### LED Life / Failure Ratio

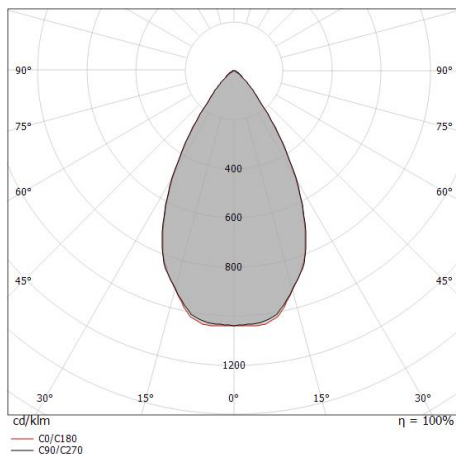
L70 B10 C0 247450h (at Tj 60 Ta 25 )

### UGR

UGR axial	26.5
UGR transversal	26.5
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	59°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.57 0.56	1655	548	552
1.0	1.13 1.12	414	137	138
1.5	1.70 1.68	184	61	61
2.0	2.26 2.24	103	34	35
2.5	2.83 2.81	66	22	22
3.0	3.39 3.37	46	15	15

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

— C0/C180 (Half-peak divergence: 58.6°)  
— C90/C270 (Half-peak divergence: 59.0°)

### COLOR VECTOR GRAPHIC

