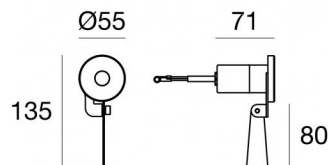




Submerged | 1 x powerLED 4 W DC 350 mA | CRI 80
80314W30



Technical data	
Type	Surface
Installation position	Wall lights - Ceiling - Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Flood
Light emission direction	upward
Nominal power	4 W DC
Source lumens	490 lm
Input voltage range	350mA
CCT / Tone	3000 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



89421
On/Off Driver 198~264V AC / 176~275V DC (1 art.)



C-E200006
On/Off Driver 198~264V AC / 180~275V DC (2 - 3 art.)

Cables Electrification

Cable connector	No
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Submerged | 1 x powerLED 4 W DC 350 mA | CRI 80 | Base
80314W30

Single emission submerged for outdoor application. The warm white LED light source with a flood light distribution is composed of 1 powered LEDs with CCT of 3000 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)	73 %
Source lumens	490 lm
Delivered lumens	361 lm
Consumption	4 W
Luminaire efficacy	90 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra

Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

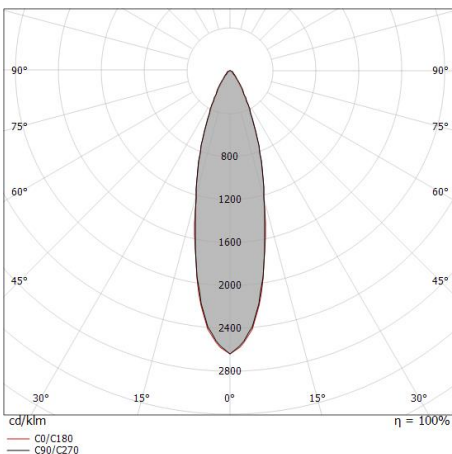
L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR

UGR axial	24.9
UGR transversal	24.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	28°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.25 0.25	E(0°) 3811 E(C90) 1747 E(C0) 1739
1.0	0.50 0.51	E(0°) 953 E(C90) 437 E(C0) 435
1.5	0.75 0.76	E(0°) 423 E(C90) 194 E(C0) 193
2.0	1.00 1.01	E(0°) 238 E(C90) 109 E(C0) 109
2.5	1.26 1.27	E(0°) 152 E(C90) 70 E(C0) 70
3.0	1.51 1.52	E(0°) 106 E(C90) 49 E(C0) 48

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

— C0/C180 (Half-peak divergence: 28.4°)
— C90/C270 (Half-peak divergence: 28.2°)