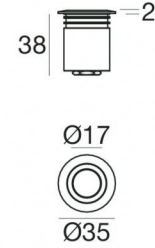




Submerged | 1 x powerLED 1.5 W DC 500 mA | CRI 80
97315N00



| Technical data | |
|--|-------------------------------|
| Type | Submerged |
| Installation position | Wall lights - Ceiling - Floor |
| Installation environment | Outdoor |
| Light Source | LED |
| Circuit structure | powerLED |
| Optics | Diffused |
| Light emission direction | upward |
| Nominal power | 1.5 W DC |
| Source lumens | 227 lm |
| Input voltage range | 500mA |
| CCT / Tone | 4000 K |
| Colour rendering index | 80 Ra |
| C.C. / C.V. | CC |
| Safety class | 3 |
| IP | IP68 |
| Maximum installation depth | 20 m |
| 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 | Yes |
| Drive-over | 1500 Kg |
| Cable included | Yes |
| Cable length | 1 m |
| Resin potting | Yes |
| Type of light emission | Single emission |
| Net weight | 0.168 Kg |
| Electrostatic discharge protection | No |
| Surge protection | No |
| Product technological characteristics | Acquastop - TVS |

Finishing casing

| | |
|------------|-----------------|
| Material | AISI 316L steel |
| Colour | steel |
| Processing | Shot peening |

Electronics



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-E200007
On/Off Driver 198~264V AC / 180~275V DC (3 - 6 art.)

Cables Electrification

| | |
|-----------------|----|
| Cable connector | No |
|-----------------|----|



Submerged | 1 x powerLED 1.5 W DC 500 mA | CRI 80 | Base 97315N00

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

The device body is made of aisi 316l steel and features a steel finish, processed by means of shot peening. The ingress protection degree is IP68; the total weight is of 0.168 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.

Energy efficiency class

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

Illuminotechnical Features

| | |
|---------------------------------------|----------|
| Light Output Ratio (LOR) | 74 % |
| Source lumens | 227 lm |
| Delivered lumens | 170 lm |
| Consumption | 1,5 W |
| Luminaire efficacy | 170 lm/W |
| Colour temperature | 4000 K |
| Standard Deviation of Colour Matching | 1.5 Step |
| Colour rendering index | 80 Ra |

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

LED Life / Failure Ratio

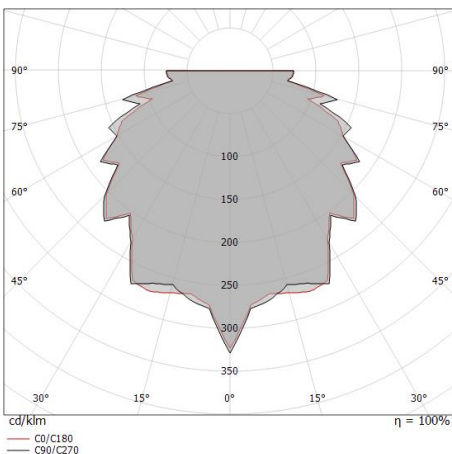
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 38.2 |
| UGR transversal | 37.8 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 116° |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 1.60 1.62 | E(0°) 220 E(C90) 58.0° 17 E(C0) 58.3° 16 |
| 1.0 | 3.20 3.24 | E(0°) 55 E(C90) 58.0° 4 E(C0) 58.3° 4 |
| 1.5 | 4.80 4.86 | E(0°) 24 E(C90) 58.0° 2 E(C0) 58.3° 2 |
| 2.0 | 6.40 6.48 | E(0°) 14 E(C90) 58.0° 1 E(C0) 58.3° 1 |
| 2.5 | 8.00 8.10 | E(0°) 9 E(C90) 58.0° 1 E(C0) 58.3° 1 |
| 3.0 | 9.60 9.71 | E(0°) 6 E(C90) 58.0° 0 E(C0) 58.3° 0 |

— C0/C180 (Half-peak divergence: 116.6°)
— C90/C270 (Half-peak divergence: 116.0°)



Sub_R | Submerged | Accessories
97315N00



Outer casing - IP68

installation position: wall lights, floor; type of installation: masonry L=75mm, H=93mm, D=75mm.

Material:ABS Plastic, colour:black.

Code

98148



Outer casing - Not for underwater use

installation position: wall lights, floor; type of installation: masonry L=70mm, H=54mm, D=70mm.

Material:ABS Plastic, colour:black.

Code

98060