Made in Italy

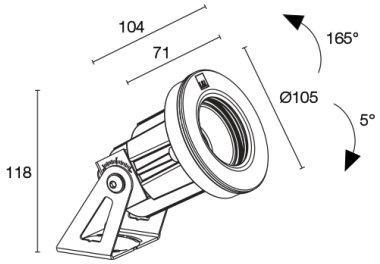
14/11/2026 Rev. 12/2024

## Moby P 1.0, code: MP10005WI

Projectors for underwater applications

kg 1,35 IP68 IK10 AC19® IPS NTC F 165° 5°






### DESCRIPTION

projector for underwater applications (suitable for use in seawater, only suitable for underwater applications); surface mounted (wall, floor), max depth 10 m; Power consumption: 10W; Power supply: 24Vdc; Lumen output at source: 713 lm (3000K); Delivered lumen output: 506 lm (3000K, 21°); 1 power LEDs group, 2-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 31°x61°: optical system consisting of a high-efficiency, deep-set TIR lens combined with a high-quality elliptical technical filter.; CRI Colour Rendering Index: 80; Body material: body made of heat-dissipating technopolymer with a thermal conductivity equal to that of stainless steel. Trim in AISI 316L stainless steel, made on a CNC machined and finished with a special AC19® treatment developed by Luce&Light, to guarantee excellent corrosion resistance of more than 2000 hours of salt spray. Bracket in AISI 316L stainless steel, machined and finished with a special AC19® treatment developed by Luce&Light, to guarantee excellent corrosion resistance of more than 2000 hours of salt spray; Finishes: stainless steel; Screen material: 12-mm-thick transparent extra-clear glass, tempered for excellent resistance to knocks and scratches. Mixing chamber to ensure the light's chromatic uniformity; power supply unit not included; includes 5 m neoprene cable, H05RN-F 2x1,00 Ø6.8 mm; Ingress protection: IP68; Impact resistance: IK10; suitable for use in sea water; Protection systems: IPS (Intelligent Protection System) protects lighting fixtures from water infiltrations, which can occur if there are faulty junctions between the cables in outdoor or underwater applications. This innovation, patented by L&L, also guarantees electrical protection against polarity reversal, hot plugging, ESD and power surges, which can occur if there are faults in the electrical circuit; This is an NTC thermistor mounted on the LED board to protect the lighting fixture against overheating. Should the product function at an operating temperature greater than the maximum temperature at which it can operate correctly, the protection is activated and gradually reduces the power. The NTC causes the integrated electronic parts to cool down to avoid the lighting fixture instantly switching itself off. When the operating temperature is again within normal range, the NTC automatically restores the lighting fixture’s original operating conditions; Operating temperature: 0°C — +45°C (installation underwater); Glow wire test: 960°C; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 1350 g; Dimensions: Ø105x118 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WH0401 Honeycomb louvre ; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

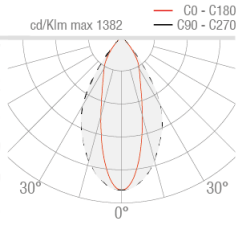
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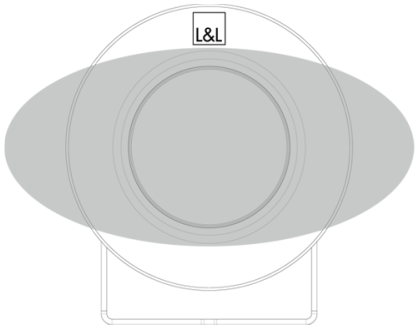
| | |
|---|---|
| **ELECTRICAL CHARACTERISTICS** | |
| Power consumption | 10W |
| Power supply | 24Vdc |
| Power supply unit | power supply unit not included |
| **LIGHTING CHARACTERISTICS** | |
| Number and type of LED | 1 power LEDs group |
| Average LED life | 50 000h L90 B10 (Ta 25°C) |
| LED colour | 3000K |
| CRI Colour Rendering Index | 80 |
| Binning | 2-step MacAdam |
| Optics | 31°x61° |
| Lumen output at source | 713 lm (3000K) |
| Delivered lumen output | 506 lm (3000K, 21°) |
| **MECHANICAL CHARACTERISTICS** | |
| Dimensions | Ø105x118 mm |
| Weight | 1350 g |
| Finishes | stainless steel |
| Mounting | with screws and plugs |
| Body material | body in thermally conductive technopolymer, trim and bracket in AISI 316L stainless steel with a special AC19® treatment developed by Luce&Light |
| Screen material | screen in tempered, transparent extra-clear glass |
| **GENERAL CHARACTERISTICS** | |
| Ingress protection | IP68 |
| Operating temperature | 0°C — +45°C (installation underwater) |
| Impact resistance | IK10 |
| Energy efficiency class | F (light source) in accordance with EU 2019/2015 |
| Glow wire test | 960°C |
| Appliance class | class III |
| Walkover | no |
| Drive-over | no |
| Power cables | includes 5 m neoprene cable, H05RN-F 2x1,00 Ø6.8 mm |
| Protection systems | IPS (Intelligent Protection System); NTC (thermistor mounted on LED board) |
| Photobiological safety | photobiological safety: risk group 1 according to EN 62471:2006 |
| Notes | suitable for use in sea water |

## PHOTOMETRIC DATA

W – 31°x61°

| H (m) | ∅ (m) | ∅ (m) | Lux max (3000K) 10W |
|---|---|---|---|
| 1.00 | 0.57 | 1.17 | 622 |
| 2.00 | 1.13 | 2.35 | 155 |
| 3.00 | 1.70 | 3.52 | 69 |
| 4.00 | 2.27 | 4.69 | 39 |
| 5.00 | 2.83 | 5.87 | 25 |

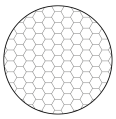



31°x61°

## ACCESSORIES

### Anti-glare



WH0401
Honeycomb louvre
built into the lighting fixture
Order together with the lighting fixture

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