

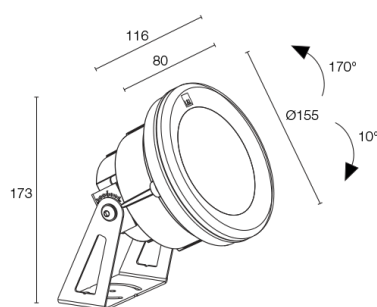
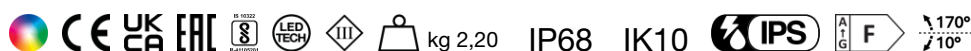
Made in Italy



Moby P 2.1, code: MP21007LV

Projectors for underwater applications

13/12/2025 Rev. 12/2024



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: 25W; Power supply: 24Vdc; Lumen output at source: RGBW: 1694 lm, R: 104 lm G: 676 lm B: 224 lm W 690 lm (4000K); Delivered lumen output: RGBW: 1203 lm, R: 74 lm G: 480 lm B: 159 lm W 490 lm (4000K); 3 RGBW power LED groups, 50 000h L90 B10 (Ta 25°C); LED colour: RGBW; Optics: 59°: optical system consisting of a high-efficiency, deep-set TIR lens combined with a high-quality technical filter; Body material: body made of heat-dissipating technopolymer with a thermal conductivity equal to that of stainless steel. Bracket in AISI 316L stainless steel, tumble finished and painted; Screen material: glass cover in 12-mm-thick, tempered extra-clear glass with vitrified serigraphy suitable for installations in seawater and guaranteeing resistance to corrosion and to knocks and scratches. Mixing chamber to ensure the light's chromatic uniformity.; power supply unit not included; includes 5 m FEP+RUB cable (equivalent to H05RN-F cable), 6x0,50 Ø6.3 mm; Ingress protection: IP68; Impact resistance: IK10; suitable for use in sea water; Casambi control using the Casambi app with dedicated electronics; 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; 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: 2200 g; Dimensions: Ø155x173 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WH0402 Honeycomb louvre ; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

Status: Available

ELECTRICAL CHARACTERISTICS

| | |
|-------------------|--------------------------------|
| Power consumption | 25W |
| Power supply | 24Vdc |
| Power supply unit | power supply unit not included |

LIGHTING CHARACTERISTICS

| | |
|------------------------|---|
| Number and type of LED | 3 RGBW power LED groups |
| Average LED life | 50 000h L90 B10 (Ta 25°C) |
| LED colour | RGBW |
| Optics | 59° |
| Lumen output at source | RGBW: 1694 lm, R: 104 lm G: 676 lm B: 224 lm W 690 lm (4000K) |
| Delivered lumen output | RGBW: 1203 lm, R: 74 lm G: 480 lm B: 159 lm W 490 lm (4000K) |

MECHANICAL CHARACTERISTICS

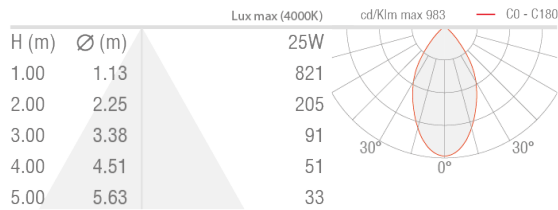
| | |
|-----------------|--|
| Dimensions | Ø155x173 mm |
| Weight | 2200 g |
| Mounting | with screws and plugs |
| Body material | body in thermally conductive technopolymer, bracket in AISI 316L stainless steel |
| Screen material | glass cover with vitrified serigraphy |

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 FEP+RUB cable (equivalent to H05RN-F cable), 6x0,50 Ø6.3 mm |
| Protection systems | IPS (Intelligent Protection System) |
| Photobiological safety | photobiological safety: risk group 1 according to EN 62471:2006 |
| Notes | suitable for use in sea water; Casambi control using the Casambi app with dedicated electronics |

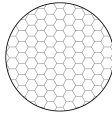
PHOTOMETRIC DATA

L – 59°



ACCESSORIES

Anti-glare



WH0402

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

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