

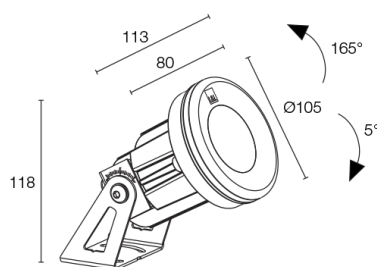
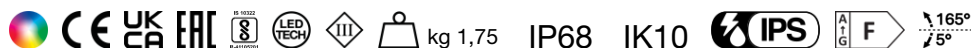
Made in Italy



**Moby P 1.1, code: MP11007WV**

Projectors for underwater applications

04/12/2025 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: 10W; Power supply: 24Vdc; Lumen output at source: RGBW: 563 lm, R: 35 lm G: 225 lm B: 73 lm W 230 lm (4000K); Delivered lumen output: RGBW: 400 lm, R: 25 lm G: 160 lm B: 52 lm W 163 lm (4000K); 1 RGBW power LED group, 50 000h L90 B10 (Ta 25°C); LED colour: RGBW; Optics: 31°x61°: optical system consisting of a high-efficiency, deep-set TIR lens combined with a high-quality elliptical 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: 1750 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

Status: Available

### ELECTRICAL CHARACTERISTICS

Power consumption	10W
Power supply	24Vdc
Power supply unit	power supply unit not included

### LIGHTING CHARACTERISTICS

Number and type of LED	1 RGBW power LED group
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	RGBW
Optics	31°x61°
Lumen output at source	RGBW: 563 lm, R: 35 lm G: 225 lm B: 73 lm W 230 lm (4000K)
Delivered lumen output	RGBW: 400 lm, R: 25 lm G: 160 lm B: 52 lm W 163 lm (4000K)

### MECHANICAL CHARACTERISTICS

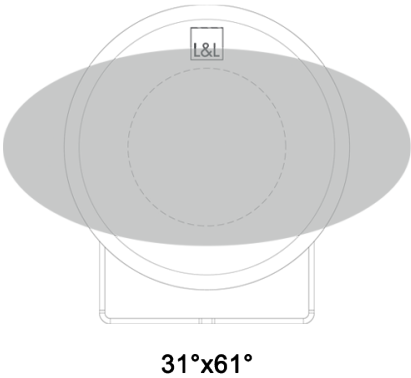
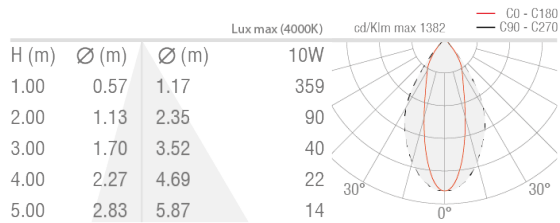
Dimensions	Ø105x118 mm
Weight	1750 g
Mounting	with screws and plugs
Body material	body in thermally conductive technopolymer, bracket in AISI 316L stainless steel
Screen material	glass cover with vitrified serigraphy

### 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

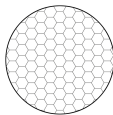
PHOTOMETRIC DATA

W – 31°x61°



ACCESSORIES

Anti-glare



WH0401

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

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