DATASHEET

Made in Italy

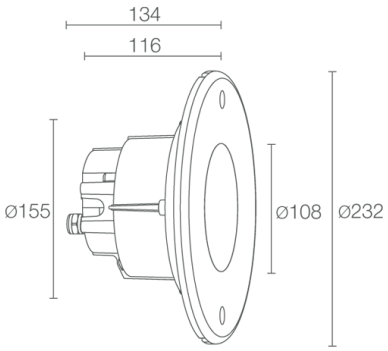
02/11/2026 Rev. 13/2024

Moby 2.1, code: MY2100YSV

Recessed for underwater applications

kg 2,20 IP68 IK10





DESCRIPTION

recessed for underwater applications (suitable for use in seawater, only suitable for underwater applications); recessed (wall), max depth 10 m; Power consumption: 25W; Power supply: 24Vdc; Lumen output at source: cyan: 1801 lm, G: 1353 lm B: 448 lm; Delivered lumen output: cyan: 1278 lm, G: 960 lm B: 318 lm; 3 cyan power LED groups, 50 000h L90 B10 (Ta 25°C); LED colour: shades of cyan; Optics: 21°: 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; 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; not suitable for use in swimming pools with liners;; 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: Ø232x134 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WC5202 Outer casing, WH0402 Honeycomb louvre ; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

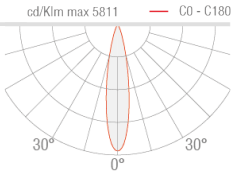
Status: Available

ELECTRICAL CHARACTERISTICS	
Power consumption	25W
Power supply	24Vdc
Power supply unit	power supply unit not included
LIGHTING CHARACTERISTICS	
Number and type of LED	3 cyan power LED groups
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	shades of cyan
Optics	21°
Lumen output at source	cyan: 1801 lm, G: 1353 lm B: 448 lm
Delivered lumen output	cyan: 1278 lm, G: 960 lm B: 318 lm
MECHANICAL CHARACTERISTICS	
Dimensions	Ø232x134 mm
Weight	2200 g
Mounting	with outer casing
Body material	body in thermally conductive technopolymer
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; not suitable for use in swimming pools with liners;

PHOTOMETRIC DATA

S – 21°

H (m)	∅ (m)	Lux max (Cyan) 25W
1.00	0.36	7409
2.00	0.72	1852
3.00	1.08	823
4.00	1.44	463
5.00	1.80	296



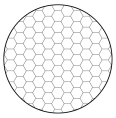
ACCESSORIES

Installation Accessories



WC5202
Outer casing

Anti-glare



WH0402
Honeycomb louvre
built into the lighting fixture
Order together with the lighting fixture

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