

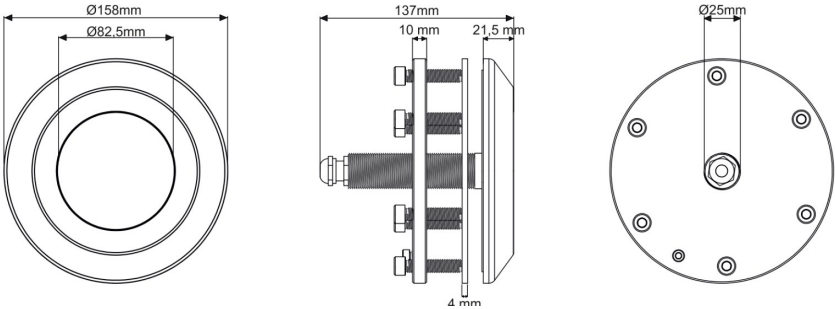
AL UWL303 THS Slim Underwater Boat Light (Ø25 mm Cut-Out, Large)

For boats and yachts of 15-100 m (50-330 ft)

PRODUCT IMAGE



TECHNICAL DRAWING





IP68

PROTECTION



Class III

ELECTRICAL CLASS



Aluminium bronze

BODY



Tempered glass

LENS



Max. 5 m

DEPTH



Saltwater safe

USE



12-24V

VOLTAGE



RGBW

LIGHT COLOUR



2 m

CABLE



Constant current

DRIVER



UV resistant

DURABILITY



CE

CONFORMITY



Made in Türkiye

ORIGIN



2 years

WARRANTY

TECHNICAL DATA

ELECTRICAL		MECHANICAL	
Power	Single colour 256W RGBW 240W	Body	Marine-grade aluminium bronze (fixed inner core, bronze clamping plate at the back)
Voltage	10-30V DC	Glass	12 mm impact-resistant special tempered glass
Driver	External constant-current LED driver (in a box with an aluminium heat sink)	Dimensions	Head diameter Ø158 mm glass diameter Ø82.5 mm head height 21.5 mm overall length 137 mm weight 4,200 g
Cable	Single colour: 2 m 2x1.5 mm² RNF marine cable RGBW: 2 m 5x0.75 mm² RNF marine cable	Protection Rating	IP68 Class III
OPTICAL		INSTALLATION AND USE	
LED	Single colour: 64 x 4W 3535 Power LED RGBW: 60 x 4W 3535 Power LED	Mounting / Cut-out	Slim thru-hull mounting Ø25 mm cut-out
LED Colours	White (6000K), Blue (Royal Blue), RGBW	Max. Depth	5 m
Luminous Flux	White 36,000 lm Blue 13,440 lm RGBW: Red 3,000 / Green 7,200 / Blue 1,800 / White 9,000 lm, total 21,000 lm	Application	Salt water / sea boats and yachts of 15-100 m (50-330 ft) Underwater camera: not applicable (slim body)
Current	11.0A (24V) / 22.0A (12V)	GENERAL	
Beam Angle	110°	Product Code	AL UWL303 THS
		Warranty	2 years

OPTIONS AND LUMINOUS FLUX

LED Colour \ Power	240W	256W
☐ White (6000K)	–	36,000 lm
☒ Blue	–	13,440 lm
☒ RGBW	✓	–
Voltage	10-30V	

Values: total luminous flux (lm). ✓ option available, – not available.

PRODUCT FEATURES

- ✓

Marine-grade aluminium bronze body — resistant to salt water
- ✓

High-power 3535 LEDs of 4W each; approx. 140 lumens per watt in white
- ✓

Full-colour RGBW LED option
- ✓

12 mm impact-resistant tempered glass
- ✓

Durable RNF marine cable (single colour 2x1.5 mm², RGBW 5x0.75 mm²)
- ✓

External constant-current LED driver in a box with an aluminium heat sink
- ✓

Slim body: thru-hull mounting through a small Ø25 mm hole, without drilling a large hole
- ✓

Fixed aluminium bronze inner core and a bronze clamping plate at the back for a strong, secure connection



Installation and Usage Warnings

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Do not operate out of water.

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RGBW models are operated with the AL TC02-RGBW controller; one AL TC02-RGBW carries a maximum load of 120W. The 240W model exceeds 120W on its own, so it cannot be operated directly with the controller. If the total RGBW power exceeds 120W, a dedicated transformer or the AL RGBW/RGB POWER UNIT must be used.