AL UWL302 SM

SURFACE MOUNTED UNDERWATER YACHT LIGHTING



Marine · Yacht Lighting › Aluminium Bronze Surface Mounted Lighting

The AL UWL302 SM is a surface-mounted underwater yacht light for boats of 7-50 mt. / 25-165 ft., installed on the underwater surface of the hull. The saltwater-resistant aluminium bronze body houses 32×4W white or royal blue 3535 high-power LEDs, or 30×4W RGBW LEDs, protected by 8 mm shockproof tempered glass. It is IP68 rated and uses 2×1.5 mm² neoprene RNF cable.

PROTECTION RATING **IP68**	OPERATING VOLTAGE **9-31 VDC · 12 VDC**	POWER **120–128 W**
BEAM ANGLE **110°**	ELECTRICAL CLASS **Class III**	WARRANTY **2-year warranty**

LED COLOUR	White · Royal blue · RGBW
POWER	120 W · 128 W
OPERATING VOLTAGE	9-31 VDC · 12 VDC

Important Do not use in waterless environment.

CERTIFICATES AND PROPERTIES

- IP68 waterproof
- Class III
- UV resistant
- Recyclable
- CE
- RGBW full colour
- 2 year warranty
- Max. 10 m depth
- Suitable for direct mounting on normally flammable surfaces
- Dust-tight
- Protected against water jets
- Dual colour (white + blue)

FEATURES

- BOAT SIZE : 7-50 mt. / 25-165 ft.
- Saltwater resistant thanks to the aluminium bronze body
- High-tech power LEDs, 4 W each
- Each LED: 140 lumen per watt
- RGBW full colour LED
- 8 mm Shockproof Tempered Glass
- 2×1.5 mm² neoprene RNF cable.
- White + Royal Blue in one light, both working at the same time
- 32 LEDs: 16 White + 16 Royal Blue
- Surface mounted: no hull opening needed except the 20 mm cable hole
- External constant current LED driver
- Marine aluminium bronze body with AISI 316L stainless steel back cover
- Easy installation: a 20 mm cable hole is drilled in the hull and the light is mounted on the underwater surface of the hull

TECHNICAL DATA

LIGHT

Single Colour LED	**White 32×4W & Royal Blue 32×4W 3535 High Power LED / LED Degree 110°**
RGBW Led	**RGBW 30×4W 3535 High Power LED / LED Degree 110°**
Single Colour / Lumen	**White 18000 lumen, Royal Blue 6720 lumen**
RGBW Colour / Lumen	**R: 1500 lumen, G: 3600 lumen, B: 900 lumen, W: 4500 lumen, RGBW: 10500 lumen**
Underwater Camera	**Not applicable.**
Dual Colour / Lumen	**White 9000 lumen, Royal Blue 3360 lumen (16 White + 16 Royal Blue LEDs)**

ELECTRICAL

Volt	**Single & Dual Colour: 9-31 VDC · RGBW: 12 VDC**
Current 24 V / 12 V	**5.4A / 10.8A**
Watt	**Single Colour 128W. - RGBW 120W.**
Driver	**External LED driver in an aluminium heat-sink box**

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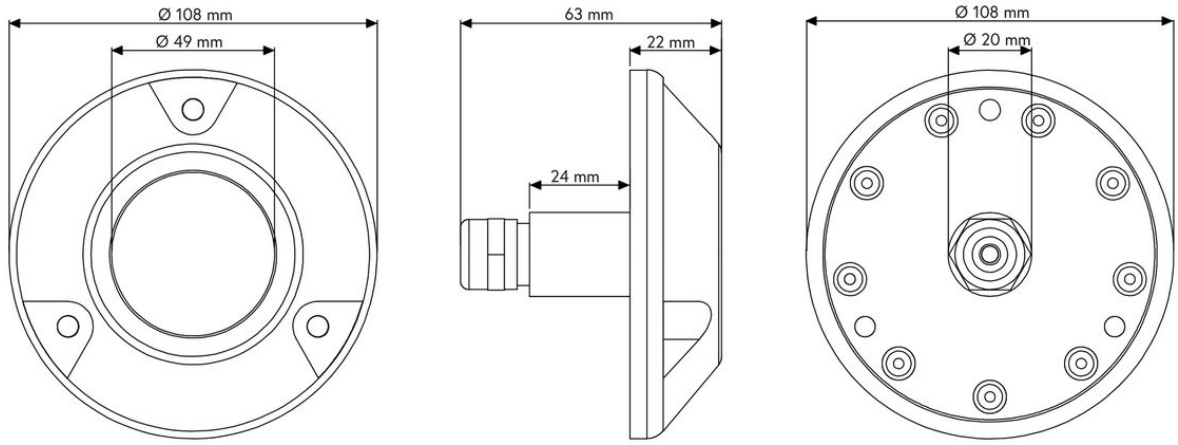
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BODY AND MOUNTING	
Boat Dimensions mt./ft.	**7mt. - 50mt. / 25ft. - 165ft.**
IP Code	**IP68 CLASS III**
Body Material	**Marine Aluminium Bronze Body, AISI 316L Stainless Steel Back Cover**
Glass	**8 mm. Special Tempered Glass**
Product Cable	**Single Colour 2 mt. 2×1.5 RNF Marine Cable, RGBW 2 mt. 5×0.50 RNF Marine Cable**
Product Sizes	**Light Head Diameter: 108mm., Head Height: 22mm., Full Length: 63.5mm., Glass Diameter: 49mm**
Hole Diameter	**20 mm**
Weight	**870 gr.**

DIMENSION DRAWINGS



Dimensions in millimetres (catalogue 2027).

PRODUCT CODES

Code	LED colour	Power
AL UWL302 SM (WH/RBL)	White, Royal blue	128 W
AL UWL302 SM (RGBW)	RGBW	120 W

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