AL UWL303 SM

SURFACE MOUNTED UNDERWATER YACHT LIGHTING



Marine · Yacht Lighting › Aluminium Bronze Surface Mounted Lighting

The AL UWL303 SM is the largest surface-mounted underwater yacht light in the aluminium bronze range, for boats of 15-100 mt. / 50-330 ft. Mounted on the underwater surface of the hull, it combines a saltwater-resistant aluminium bronze body with 12 mm shockproof tempered glass. It is available with 64×4W white or royal blue 3535 high-power LEDs, or 60×4W RGBW full-colour LEDs, with IP68 protection.

PROTECTION RATING **IP68**	OPERATING VOLTAGE **9-31 VDC · 12 VDC**	POWER **240–256 W**
BEAM ANGLE **110°**	ELECTRICAL CLASS **Class III**	WARRANTY **2-year warranty**

LED COLOUR	White · Royal blue · RGBW
POWER	240 W · 256 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 : 15-100 mt. / 50-330 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
- 12 mm Shockproof Tempered Glass
- 2×1.5 mm² neoprene RNF cable.
- White + Royal Blue in one light, both working at the same time
- 64 LEDs: 32 White + 32 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 64×4W & Royal Blue 64×4W 3535 High Power LED / LED Degree 110°**
RGBW Led	**RGBW 60×4W 3535 High Power LED / LED Degree 110°**
Single Colour / Lumen	**White 36000 lumen, Royal Blue 13440 lumen**
RGBW Colour / Lumen	**R: 3000 lumen, G: 7200 lumen, B: 1800 lumen, W: 9000 lumen, RGBW: 21000 lumen**
Underwater Camera	**Not applicable.**
Dual Colour / Lumen	**White 18000 lumen, Royal Blue 6720 lumen (32 White + 32 Royal Blue LEDs)**

ELECTRICAL

Volt	**Single & Dual Colour: 9-31 VDC · RGBW: 12 VDC**
Current 24 V / 12 V	**11.0A - 22.0A**
Watt	**Single Colour 256W. - RGBW 240W.**
Driver	**External LED driver in an aluminium heat-sink box**

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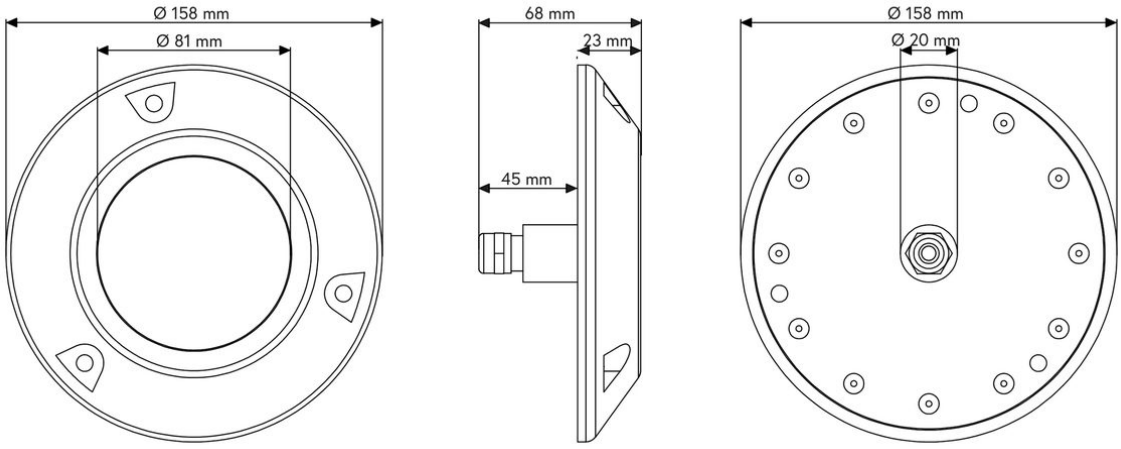
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BODY AND MOUNTING	
Boat Dimensions mt./ft.	15mt. - 100mt. / 50ft. - 330ft.
IP Code	IP68 CLASS III
Body Material	Marine Aluminium Bronze Body, AISI 316L Stainless Steel Back Cover
Glass	12 mm. Special Tempered Glass
Product Cable	Single Colour 2 mt. 2×1.5 RNF Marine Cable, RGBW 2 mt. 5×0.75 RNF Marine Cable
Product Sizes	Light Head Diameter: 158mm., Head Height: 23mm., Full Length: 68mm., Glass Diameter: 81mm.
Hole Diameter	20 mm
Weight	2,350 gr.

DIMENSION DRAWINGS



Dimensions in millimetres (catalogue 2027).

PRODUCT CODES

Code	LED colour	Power
AL UWL303 SM (WH/RBL)	White, Royal blue	256 W
AL UWL303 SM (RGBW)	RGBW	240 W

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