AKER LIGHTING

TECHNICAL DATA SHEET

AL UWL301 THS

THRU-HULL SLIM UNDERWATER YACHT LIGHTING



Marine · Yacht Lighting › Aluminium Bronze Thru-Hull Slim Lighting

The AL UWL301 THS is the slim version of the Thru-Hull underwater yacht light, for boats of 7-25 mt. / 25-80 ft. Its saltwater-resistant aluminium bronze body holds a reinforced aluminium replaceable inner core, so the LEDs can be changed from inside the boat without dismantling the whole product. It offers 16×4W white or royal blue 3535 high-power LEDs, or 15×4W RGBW LEDs, behind 8 mm shockproof tempered glass, with IP68 protection.

PROTECTION RATING **IP68**	OPERATING VOLTAGE **9-31 VDC · 12 VDC**	POWER **60–64 W**
BEAM ANGLE **110°**	ELECTRICAL CLASS **Class III**	WARRANTY **2-year warranty**

LED COLOUR	White · Royal blue · RGBW
POWER	60 W · 64 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 : 7-25 mt. / 25-80 ft.
- Saltwater resistant thanks to the aluminium bronze body
- Reinforced Aluminium replaceable inner core housing
- 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.
- No need to dismantle the entire product when changing LEDs
- Easy to replace by loosening the aluminium lighting capsule from inside the boat. The Aluminium Bronze body remains fixed on the boat.
- White + Royal Blue in one light, both working at the same time
- 16 LEDs: 8 White + 8 Royal Blue

TECHNICAL DATA

LIGHT

Single Colour LED	**White 16×4W & Royal Blue 16×4W 3535 High Power LED / LED Degree 110°**
RGBW Led	**RGBW 15×4W 3535 High Power LED / LED Degree 110°**
Single Colour / Lumen	**White 9000 lumen, Royal Blue 3360 lumen**
RGBW Colour / Lumen	**R: 750 lumen, G: 1800 lumen, B: 450 lumen, W: 2250 lumen, RGBW: 5250 lumen**
Underwater Camera	**Not available for THS models**
Dual Colour / Lumen	**White 4500 lumen, Royal Blue 1680 lumen (8 White + 8 Royal Blue LEDs)**

ELECTRICAL

Volt	**Single & Dual Colour: 9-31 VDC · RGBW: 12 VDC**
Current 24 V / 12 V	**3.0A / 6.0A**
Watt	**Single Colour 64W. - RGBW 60W.**
Driver	**External LED driver in an aluminium heat-sink box**

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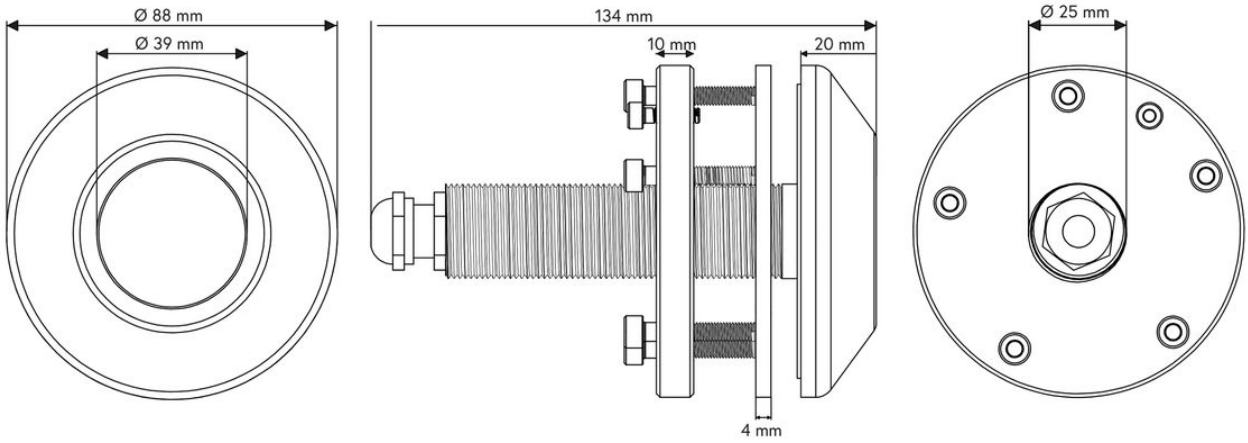
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BODY AND MOUNTING	
Boat Dimensions mt./ft.	7mt. - 25mt. / 25ft. - 80ft.
IP Code	IP68 CLASS III
Body Material	Marine Aluminum Bronze Body, Marine Aluminum Led Core
Glass	8 mm. Special Tempered Glass
Product Cable	Single Colour 2 mt. 2×1.5 RNF Marine Cable, RGBW 2 mt. 5×0.50 RNF Marine Cable
Product Sizes	Light Head Diameter: 88mm., Head Height: 20mm., Full Length: 134mm., Glass Diameter: 39mm.
Hole Diameter	25mm.
Weight	1,225 gr.

DIMENSION DRAWINGS



Dimensions in millimetres (catalogue 2027).

PRODUCT CODES

Code	LED colour	Power
AL UWL301 THS (WH/RBL)	White, Royal blue	64 W
AL UWL301 THS (RGBW)	RGBW	60 W

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