AL UWL401 SM

SURFACE MOUNTED UNDERWATER YACHT LIGHTING



Marine · Yacht Lighting › Aluminium Bronze Surface Mounted Lighting

The AL UWL401 SM is a compact surface-mounted underwater yacht light for boats of 7-25 mt. / 25-80 ft., available with a marine aluminium bronze body or an AISI 316L stainless steel body. Installation is practical: a 14 mm cable hole is drilled in the hull and the light is mounted on its underwater surface. It uses 16×4W white or royal blue 3535 high-power LEDs, or 15×4W RGBW LEDs, behind impact-resistant special glass, with an IP67 external constant current LED driver.

PROTECTION RATING	OPERATING VOLTAGE	POWER
IP68	9-31 VDC · 12 VDC	60–64 W

BEAM ANGLE	ELECTRICAL CLASS	WARRANTY
110°	Class III	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 · Dual colour (white + blue)

FEATURES

- BOAT SIZE : 7-25 mt. / 25-80 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
- 2×1 mm² neoprene RNF cable
- **Body assembly is practical. 14 mm cable hole is drilled on** the surface of the hull and the surface of the boat is mounted underwater.
- Marine aluminium bronze body or AISI 316L stainless steel body
- IP67 external constant current LED driver in junction box
- 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
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	IP67 external LED driver in an aluminium heat-sink box

BODY AND MOUNTING

Boat Dimensions mt./ft.	7mt. - 25mt. / 25ft. - 80ft.
IP Code	IP68 CLASS III
Body Material	Marine Aluminum Bronze Body, or AISI 316L Stainless Steel Body
Glass	Impact resistant special glass
Product Cable	Single Colour 2 mt. 2×1 RNF Marine Cable, RGBW 2 mt. 5×0.50 RNF Marine Cable
Product Sizes	Light Head Diameter: 90mm. , Head height: 24mm. , Full Length: 40mm.
Hole Diameter	14 mm.
Weight	590 gr.

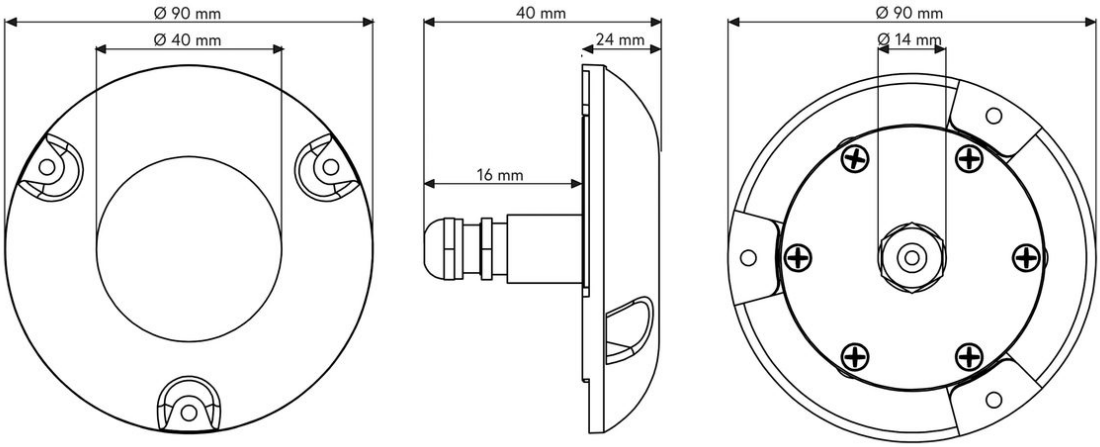
AK BORU ELK. MALZ. LTD. ŞTİ. · **AKER LIGHTING**
Office: Perpa Ticaret Merkezi A Blok Kat 8 No:702, 34384 Okmeydanı – Şişli / İstanbul
Tel: +90 212 210 25 26

AKBORU
www.akboru.com
info@akboru.com

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DIMENSION DRAWINGS



Dimensions in millimetres (catalogue 2027).

PRODUCT CODES

Code	LED colour	Power
AL UWL401 SM (WH/RBL)	White, Royal blue	64 W
AL UWL401 SM (RGBW)	RGBW	60 W

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