AL UWL402 SM

SURFACE MOUNTED UNDERWATER YACHT LIGHTING



Marine · Yacht Lighting › Underwater Thermal Resin Lighting

PATENTED

The AL UWL402 SM is a patented surface-mounted underwater light for boats of 7-25 mt. / 25-80 ft., with a saltwater-resistant thermal resin body and impact-resistant special glass. Its high-tech SMD LEDs deliver 100-110 lumens per watt, in a 15W version with 30 LEDs or a 25W version with 48 LEDs, and an RGB full-colour option. Installation is easy: a 10 mm cable hole is drilled in the hull and the light is mounted on its underwater surface; it runs on 12VDC - 24VDC.

PROTECTION RATING **IP68**	OPERATING VOLTAGE **9-31 VDC · 12 VDC**	POWER **9–25 W**	
BEAM ANGLE **110°**	ELECTRICAL CLASS **Class III**		

LED COLOUR	White · Blue · RGB
POWER	9 W · 15 W · 25 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 · Max. 10 m depth · Suitable for direct mounting on normally flammable surfaces · Dust-tight · Protected against water jets · Patented product

FEATURES

- BOAT SIZE : 7-25 mt. / 25-80 ft.
- Saltwater-resistant thermal resin body
- Impact resistant special glass
- High-Tech SMD LED with high wattage.
- Light output of 100 lumens per watt
- RGB full colour LED
- 2×0.50 mm² neoprene RNF cable
- **Easy installation: a 10 mm cable hole is drilled in the hull** and the light is mounted on the underwater surface of the hull.

TECHNICAL DATA

Product Specifications

Product Code	AL UWL402 SM - 15W	AL UWL402 SM - 25W
Boat Dimensions mt./ft.	7mt. - 25mt. / 25ft. - 80ft.	7mt. - 25mt. / 25ft. - 80ft.
Single Colour LED	30 pcs 5730 High Power LED	48 pcs 5730 High Power LED
RGB LED	42 pcs 5050 High Power LED	
LED Degree	110°	110°
Volt	Single Colour: 9-31 VDC · RGB: 12 VDC	Single Colour: 9-31 VDC · RGB: 12 VDC
Current 12V / 24V	1.25A / 0.63A	2.10A / 1.05A
Watt	Single Colour 15W. - RGB 9W.	Single Colour 25W.
LED Colour / Lumen	White 1500 lumen , Blue 900 lumen	White 2500 lumen , Blue 1500 lumen
Product Cable	Single Colour 2 mt. 2×0.50 RNF Marine Cable, RGB 2 mt, 4×0.50 RNF Marine Cable	Single Colour 2 mt. 2×0.50 RNF Marine Cable, RGB 2 mt, 4×0.50 RNF Marine Cable
Product Sizes	Light Head Diameter: 126.5mm. , Head height: 24mm. , Full Length: 40mm.	Light Head Diameter: 126.5mm. , Head height: 24mm. , Full Length: 40mm.
Hole Diameter	10 mm.	10 mm.

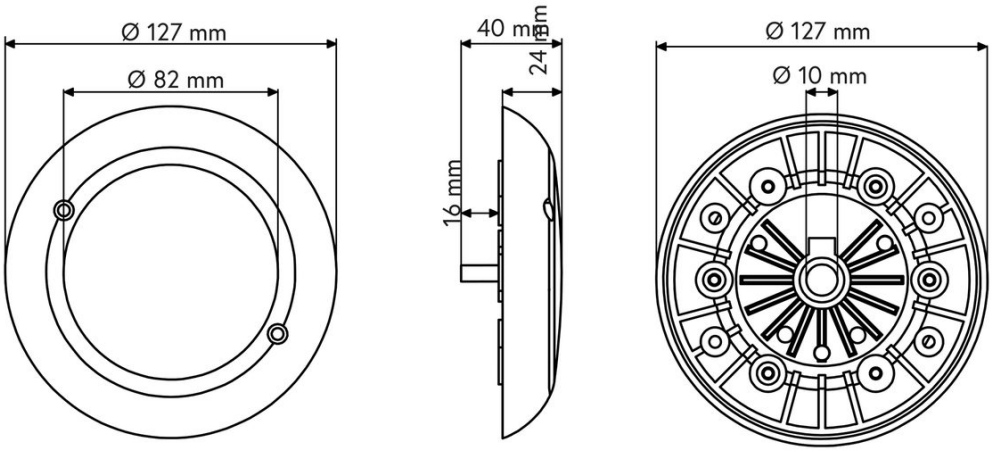
AK BORU ELK. MALZ. LTD. ŞTİ. · **AKER LIGHTING**
Office: Perpa Ticaret Merkezi A Blok Kat 8 No:702, 34384 Okmeydanı – Şişli / İstanbul
Tel: +90 212 210 25 26

AKBORU
www.akboru.com
info@akboru.com

AL UWL402 SM

SURFACE MOUNTED UNDERWATER YACHT LIGHTING

DIMENSION DRAWINGS



Dimensions in millimetres (catalogue 2027).

PRODUCT CODES

Code	LED colour	Power
AL UWL402 SM 15W (WH/BL)	White, Blue	15 W
AL UWL402 SM 25W (SINGLE COLOUR)	—	25 W
AL UWL402 SM 9W (RGB)	RGB	9 W

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

www.akboru.com
info@akboru.com