AL UWL403 SM

SURFACE MOUNTED UNDERWATER YACHT LIGHTING



Marine · Yacht Lighting › Underwater Thermal Resin Lighting

PATENTED

The AL UWL403 SM is a compact, 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. It uses 24 pcs 5730 high-power LEDs (12W) in single colour or 12 pcs 5050 LEDs (8W) in RGB full colour, delivering 100-110 lumens per watt at 12 VDC. A 10 mm cable hole in the hull is all that is needed to mount it on the underwater surface.

PROTECTION RATING	IP68
OPERATING VOLTAGE	9-31 VDC · 12 VDC
POWER	8–12 W
BEAM ANGLE	110°
ELECTRICAL CLASS	Class III

LED COLOUR	White · Blue · RGB
POWER	8 W · 12 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

LIGHT

Single Colour LED	**24 pcs 5730 High Power LED**
RGB LED	**12 pcs 5050 High Power LED**
LED Degree	**110°**
LED Colour / Lumen	**White 1200 lumen , Blue 720 lumen**

ELECTRICAL

Volt	**Single Colour: 9-31 VDC · RGB: 12 VDC**
Current 24 V / 12 V	**1.0A**
Watt	**Single Colour 12W. - RGB 8W.**

BODY AND MOUNTING

Boat Dimensions mt./ft.	**7mt. - 25mt. / 25ft. - 80ft.**
Product Cable	**Single Colour 2 mt. 2×0.50 RNF Marine Cable, RGB 2 mt, 4×0.50 RNF Marine Cable**
Product Sizes	**Width: 126mm. , Height: 19.4mm. , Length: 48mm.**
Hole Diameter	**10 mm.**

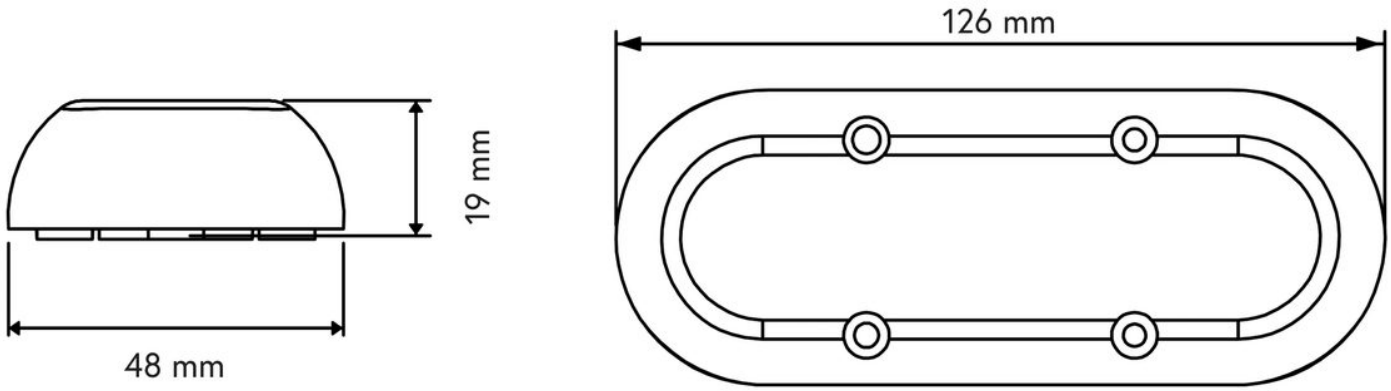
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DIMENSION DRAWINGS



Dimensions in millimetres (catalogue 2027).

PRODUCT CODES

Code	LED colour	Power
AL UWL403 SM 12W (WH/BL)	White, Blue	12 W
AL UWL403 SM 8W (RGB)	RGB	8 W

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