AL UWL405 SM

SURFACE MOUNTED UNDERWATER YACHT LIGHTING



Marine · Yacht Lighting › Underwater Thermal Resin Lighting

PATENTED

The AL UWL405 SM is the longest model of the patented thermal resin surface-mounted underwater lights, for boats of 7-25 mt. / 25-80 ft. It is fitted with 96 pcs 5730 high-power LEDs (48W) in single colour or 102 pcs 5050 LEDs (30W) in RGB full colour, behind impact-resistant special glass. The saltwater-resistant body runs on 10-30 VDC and is mounted on the underwater surface of the hull through a 10 mm cable hole.

PROTECTION RATING	IP68
OPERATING VOLTAGE	9-31 VDC · 12 VDC
POWER	30–48 W
BEAM ANGLE	110°
ELECTRICAL CLASS	Class III

LED COLOUR	White · Blue · RGB
POWER	30 W · 48 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
- 2×0.75 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	96 pcs 5730 High Power LED
RGB LED	102 pcs 5050 High Power LED
LED Degree	110°
LED Colour / Lumen	White 4800 lumen , Blue 2880 lumen

ELECTRICAL

Volt	Single Colour: 9-31 VDC · RGB: 12 VDC
Current 12 V / 24 V	4.0A / 2.0A
Watt	Single Colour 48W. - RGB 30W.

BODY AND MOUNTING

Boat Dimensions mt./ft.	7mt. - 25mt. / 25ft. - 80ft.
Product Cable	Single Colour 2 mt. 2×0.75 RNF Marine Cable, RGB 2 mt, 4×0.50 RNF Marine Cable
Product Sizes	Width: 277mm. , Height: 28.5mm. , Length: 85.5mm.
Hole Diameter	10 mm.

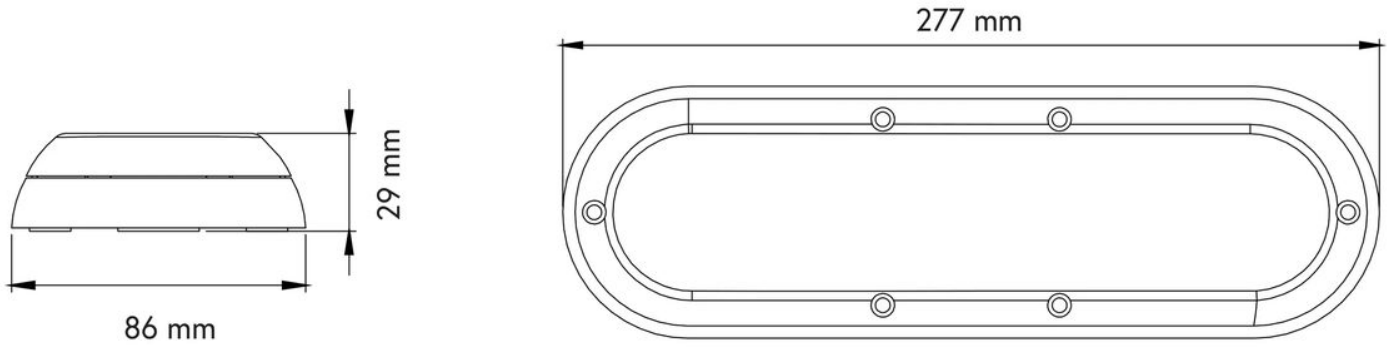
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DIMENSION DRAWINGS



Dimensions in millimetres (catalogue 2027).

PRODUCT CODES

Code	LED colour	Power
AL UWL405 SM 48W (WH/BL)	White, Blue	48 W
AL UWL405 SM 30W (RGB)	RGB	30 W

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