



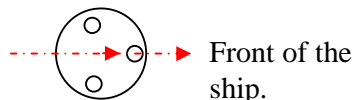
Foreword

Thank you for choosing MANTAGUA navigation led lights. This light has been made in conformity with the **EN60945 4th Edition**. It does not disturb the use of AIS or VHF.

In order to obtain the best results with your product, we recommend you to follow the instructions below.

Light positioning

The light must be mounted on a horizontal surface.
The light's symmetry axle must be parallel to the ship's axle.
The overhead view must be as shown on diagram opposite.



Notice: for a mounted assembly (vertical surface), please use the stainless steel support referenced as 00009 from MANTAGUA (www.mantagua.fr) and now also exists a 6cm high light foot ref.00074.

Assembly instructions

- Remove the three socket head cap screws with a size 3 hex key and separate the base from the light.
- Pierce the black grommet from the base of the light and insert the electrical cable from underneath.
- Fixe the base of the light with two M3 screws (not included) on a horizontal surface.
- Cut the cable to the length wanted, leaving 10cm (3.94 inch.) above the grommet. Strip the extremity of the 2 or 4 cable wires and crimp the supplied spade terminals. Screw the spade terminals on to the clamp situated on the exterior of the light's cavity using the M3 screws and the supplied serrated lock washers. Do not worry about the polarity.

Particular cases: **the tricolour + anchoring light** has 2 lots of contact studs: 1 to supply the tricolour light and the other for the anchoring light. Take notice of the wire colours connected to each contact stud. **The tricolour + anchoring + flashing light** has 4 polarised contact studs. See pattern on back.

- To finalise the imperviousness, plaster with silicone mastic the inside of the grommet's cavity.
- Roll the cable up in the base of the light, fix the light frame on and tighten the socket head cap screws.
- Switch the voltage on and validate the functioning.

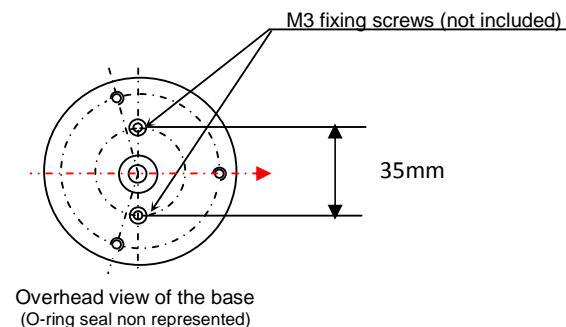
Reconditioning

The resin of the light may turn slightly yellow. Please polish it with a soft abrasive polish cloth.

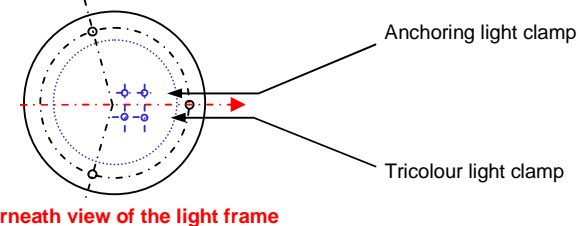
Technical specifications

Voltage range	9 - 30 Volts DC
Power input	2,4 W
Reverse polarity protected	
Maximum weight	240g
Size (Ø x H)	70mm x 55 mm (2.75 x 2.16 inch.)
Operating temperature	-10 – +65 °C
Waterproof level	IP67

Base fixing



Particular case: tricolour + anchoring light wiring (reference: 00075)



N.B.: if the DC cable only has 3 wires (instead of 4), connect externally 1 anchoring light clamp to the tricolour light clamp facing it.

Particular case: tricolour + anchoring + flashing light wiring (reference: 00083)

