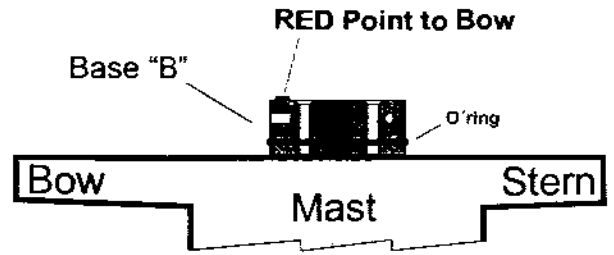
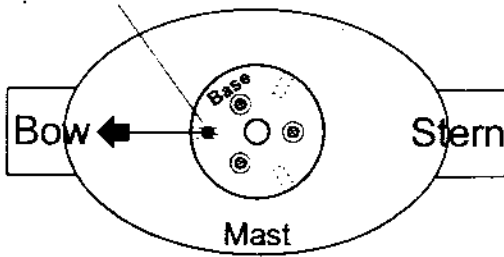


Mounting and Installation

RED Point to Bow



Option 1

Wires out-put option

Three 4mm Allen screw to fix the lamp on the base

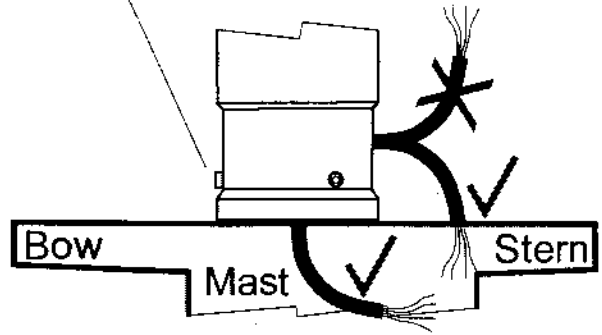
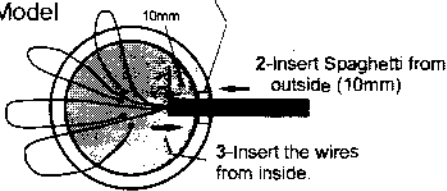


1- Remove the wires screw

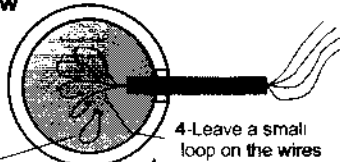
Allen screw in front of the lamp: to Bow

The wires should go down

WIRES:
3 in the SW Model
4 in the Classic Model



Bottom view



Do not put the wires loops one over the other

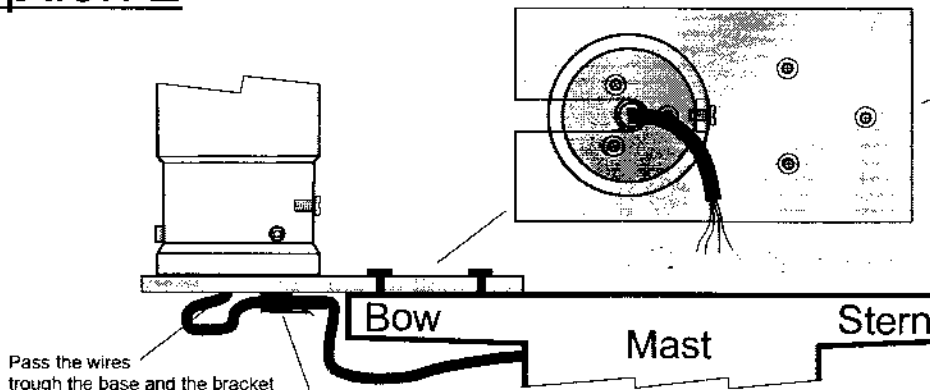


Important:

- 1- Fixing the lamp on the base: hold the lamp only by the black body and NOT by the lens.
- 2- If necessary use the provided grease for the o'ring.
- 3- Sold the wires.

Option 2

Bottom view



Pass the wires through the base and the bracket

Waterproof IP67 connector (Optional: Optolamp Accessory C4 -not provided).

OPTOLAMP®

"AMAZÔNIA *Mirim 4 SW Plus*" INTEGRATED BI-DIMENSIONAL LIGHT 5 IN 1 **ULTRA LOW CONSUMPTION ELECTRONIC LED LAMP - UBC®** PATENTED

Thank you for choosing OPTOLAMP®. The development of the new compact model "*AMAZÔNIA Mirim 4 Plus*" is the result of 18 years experience in LED signalization. This model is a TDPS Pro System (True Dual Power Supply), due to its Ultra-Low energy Consumption (UBC®), the OPTOLAMP® can work 44 nights with a 12V/75A battery without being recharged - approximate time without calculating the normal battery discharge. With a 10,6V the "*AMAZÔNIA Mirim 4 Plus*" continues with its maximum light intensity.

Modes: Tricolor, Anchor Light, Slow or Fast Strobe and Vertical Light emission for emergency.

INSTALLATION: It's desirable to solder the source wires to avoid bad contacts.

(OPTOLAMP® is provided with an automatic light sensor for the *anchor* and *strobes lights*. To test them during the day, cover it with a dark cloth and wait a few seconds to switch on).

Do not open the lamp. OPTOLAMP® is a sealed unit, its led's can be misaligned missing its precise illuminating effect and the correct angle.

CONNECTION TO THE BATTERY: (Follow the diagram options for the installation). Use the 3 position ON-OFF-ON switch (provided). Functions: NAV-OFF-ANCHOR.

STROBE LIGHT: you can use some available "*Accessory Switch*" in the boat panel or the Optolamp switch ST4 (not provided). **IMPORTANT:** to use the "Strobe Light" mode, the switch Nav-Off-Anchor, should be in "*Anchor Light*".

OPTIONS: Fast or Slow strobe light (The factory configuration is on Fast Strobe Light).

To change to **Slow Strobe Light:** when you install the unit on the top, you must cut the jumper (violet wire on the lamp bottom), so when you'll select "*Strobe Mode*" from the cabin, the Strobe will be normal slow.

Caution: YOU MUST INSULATE THE TWO VIOLET JUMPER PARTS with insulate tape not to much.

ATTENTION:

- In case of emergency of the boat, you must switch on the *Anchor Light* and then the *Strobe Light*, a powerful beam of vertical light will be emitted to facilitate the aerial rescue with a range of up to 4.0NM.

- Is not possible to use the two light modes simultaneously because the *AMAZÔNIA Mirim 4 Plus* has an electronic system to inhibit this in accordance with the COLREG rules.

- 1) It is desirable to install a 500mA (0,5 A) fuse.
- 2) Install the OPTOLAMP® vertically (lens upwards) and PERPENDICULARLY to the water line.
- 3) The red point on the white Delrin base must be lined to the boat's bow.

WIRES: we suggest a minimum of 4 x 0,75mm, according to the diagram.

Technical Information: On the new *Plus* version of *AMAZÔNIA Mirim 4*, the electronic system recognizes when the navigation light is in use and turns ON the vertical emergency light emission with an appropriate intensity to illuminate only the wind direction indicator.

Slightest Height	125 mm.	Lens.	UV protection Polycarbonate (Bayer Germany)
Slightest Weight	225 gr.	Range Minimum	2,0 NM.
Fixing and installation	Delrin block, very fast installation. Optional: IP67 Optolamp® Waterproof connector (is not providing).	Vertical Range	4,0 NM.
Operating Voltage	10,6V to 14,4V (Option: 24V).	Maximum Light intensity	between 10,6V and 14,4V (start at 9,5V).
Consumption UBC®	Anchor Light: 0,126A to 0,156A. NAV Light: 0,160A.	Maintenance	Free.
Light source	LED.	Fully life sealed	Shock and Vibration proof.
LED-Lamp Life	Minimum 50000 Hs.	Boats up to 20 meters / 65,6 feet	Respects COLREG 72 rules.

HE Naval Systems reserves its rights to modify, update or change the characteristics of its products.

OBS: HE Naval Systems is not responsible for the misuse of the OPTOLAMP® and/or possible accidents. Please read the conditions of the "HE Warranty".

HE Naval Systems

Pioneer in LED-Ultra Low Consumption (UBC®) Signalization and Illumination since 1998

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