

OPTOLAMP®

***“AMAZÔNIA Minus III”* 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 Minus III”* is the result of 12 years experience in LED signalization. This model is a TDPS (True Dual Power Supply) System, due to its Ultra-Low energy Consumption (UBC®), the **OPTOLAMP®** can work until 44 nights with a 12V/75A battery without being recharged - approximate time without calculating the normal battery discharge. With a 10,6V the *“AMAZÔNIA Minus III”* continues with its maximum light intensity.

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

INSTALLATION: It's advisable 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.

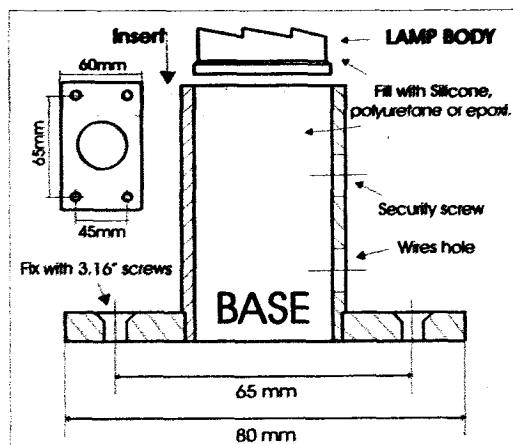
STROBE LIGHT: you can use some free accessory switch (to negative) of the boat panel or the provided switch. **Obs.:** to use the *“Strobe Light”* mode, the mode switch should be in *“Anchor”* position.

OPTIONS:

- To obtain the *“Fast Strobe”* - when you install the unit on the top, you must joint the violet wire to the marked gray wire, so when you'll select *“Strobe Mode”* from the cabin, the flash will be fast.
- To control the two strobes modes from the cabin with the provided switch is necessary to connect the 4 wires from the top of the mast (see diagram).
- 1) It is advisable 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 must be lined up with the boat's prow.

WIRES: we suggest a minimum of 2 x 0,75mm or 3 x 0,75mm, according to the diagram you choose.

BASE INSTALLATION:



CHARACTERISTICS:

Consumption: 0,126A to 0,155A.
Power Source: 10,6V to 14,4V (Option 24V).
TDPS: True Dual Power System.
Horizontal Range: minimum 2 NM.
Vertical Range: up to 4,0 NM.
Led B-life: 100000h.
Light source: LED electronic.
Maintenance: free.
Weight: 235gr.

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”*. www.optolamp.com // E-mail: optolamp@optolamp.com.br
Pioneer in LED-Ultra Low Consumption (UBC®) Signalization and Illumination since 1998

AMAZÔNIA SW: WITH SWITCH - 3WIRES (with strobe)

