

# BOAT DRAIN PLUG LIGHT USER MANUAL & INSTALLATION INSTRUCTION

For MS-9WC-TDDP-W(750MA) and MS-27W-DP-W model



9W



27W

## ◆ WARNINGS!

- LIGHTS ARE FOR **UNDERWATER USE ONLY!**
- PROFESSIONAL INSTALLATION IS RECOMMENDED.
- 1 AMP (FOR 9W MODEL) OR 1.5A (FOR 27W MODEL) FUSE MUST BE USED ON ALL POSITIVE CONNECTIONS.
- WARRANTY WILL BE VOID IF FUSE NOT USED.
- 1 YEAR WARRANTY FROM DATE OF PURCHASE, REPAIR OR REPLACEMENT

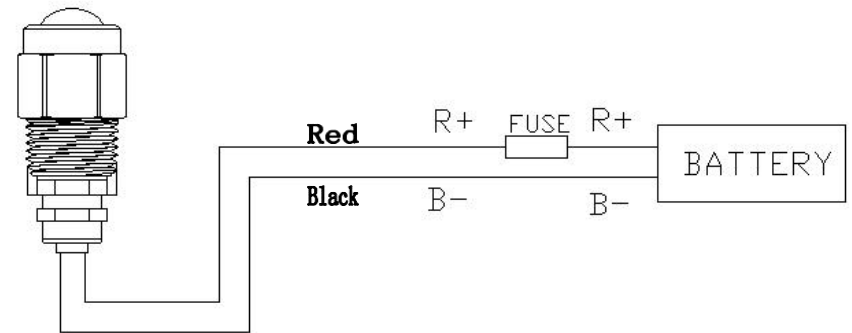
## ◆ Installation Instruction

1. Loosen the drain plug.
2. Run the cable leads thru the garboard drain opening and screw the drain plug light assembly into the existing garboard fitting. The garboard fitting is 1/2" NPT.
3. Connect the light wire to a 12 VDC or 24 VDC on/off switch. Plug in the waterproof connector if there is one.
4. Attach the red lead to Positive (+) with the included in-line 3 Amp assembly fuse and the black lead to Negative (-)
5. Switch on the light to check if it works well.

## ◆ Installation Demonstration



## ◆ Wire Connection Diagram



- **Connect to 12VDC or 24VDC Battery or Power Source only.**

### ◆ Notes:

- 1) There is a corrosion resistant coating on the surface, to avoid damaging the surface and corrosion performance, do not use a wrench for installation and do not scratch the surface with any other hard tools.
- 2) The light must be tested on DC12V-24V.
- 3) If test in air, the light will turn off automatically after several minutes. This is because the Overheat Protection Circuit will kick in. It will recover after the internal temperature is equal to or lower than 60 C' degrees.
- 4) Do not rotate the wire outlet joint or shake the wire strongly during installation. This may damage to the internal circuitry and cause the light to not function.