✳TecNiq inc

Changing the Shape of Light™

12-Volt: M510 Docking/Navigation & Courtesy Light
(Part#: M510-WSP0-1, M510-WSS0-1)

Installation Instructions

FEATURES:

TecNiq's M510 combination **Docking, Courtesy & Navigation Light** has been designed to provide (2) docking LEDs, (1) navigation LED, and (12) courtesy LEDs. Each M510 is completely sealed, and has an IP68 rating for dust and waterproof. The M510s are surface mount, and provides bright lighting in an extremely small package. The M510 meets **ABYC A-16 and USCG 2NM standards**, **C-5 standards**, and is designated for boats less than 50m. Each M510 comes with *TecNiq's lifetime guarantee.*

CAUTION:

To prevent injury, disconnect the power source when installing or servicing any electrical product. Remove vessel from water when using any 120V AC power tools. For proper installation, make sure all lighting is mounted in accordance with ABYC and NMMA requirements.

SAVE THESE INSTRUCTIONS

1. Place light in selected position, arrow facing forward in the direction of travel with the lettering facing up and the side light parallel to the water **(see figure 1a & 1b)**.
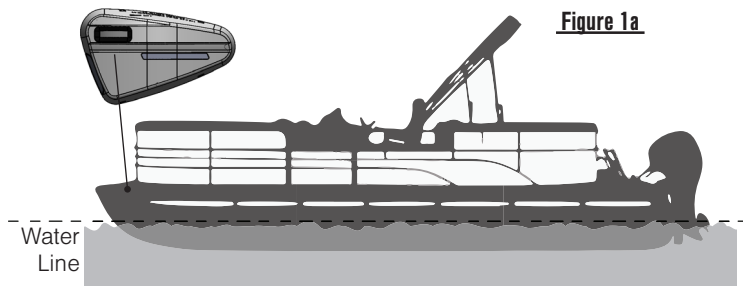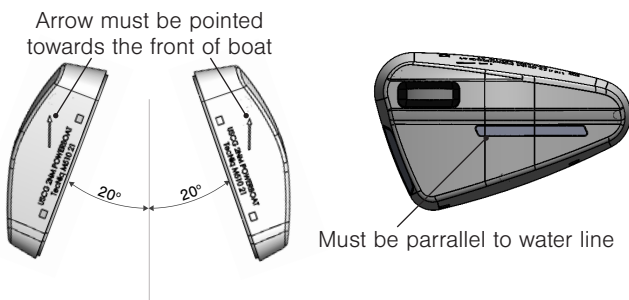

Figure 1a

Water Line

Figure 1b

Arrow must be pointed towards the front of boat

20°   20°

Must be parrallel to water line

2. Use gasket as a template and mark the two mounting holes and one wire access hole.
CAUTION: *Wires should not contact the hull*

3. Remove gasket and drill two #43 pilot holes for #4 mounting screws. Drill one .625" to .75" wire access hole.

4. Bring two appropriate gauge positive (+) wires and one negative (-) wire up through the access hole. Use **ONLY** the rated voltage. Higher voltage can damage light. All positive (+) wires must be protected by a fuse (*check size for application*).

5. Use marine-grade waterproof crimp connectors to connect yellow wire (navigation) to one (+) positive lead from 3-position switch; connect white wire (docking) to second (+) positive lead. Connect (-)   negative source to black wire and route to (-) negative terminal on battery or proper negative terminal **(see figure 2)**.
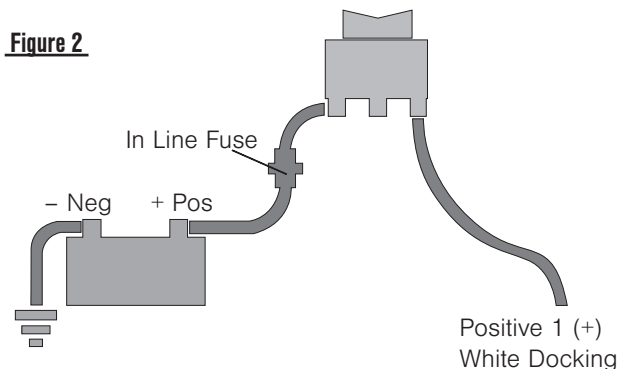

Figure 2

In Line Fuse

– Neg   + Pos

Positive 1 (+)
White Docking

6. Fasten light to deck with two #4 stainless steel screws.
DO NOT OVERTIGHTEN.

7. Snap on stainless-steel cover over the light.