✳TecNiq inc.

Changing the Shape of Light™

12-Volt: M20 Navigation Light

(Part#: M20-0G00-1, M20-GS00-1, M20-R000-1, M20-RS00-1)

Installation Instructions

FEATURES:

TecNiq's M20 is a sleek designed Navigation Light providing boaters with both safety and style. Our M20 meets ABYC A-16 and USCG 2NM standards, C-5 standards, and is designated for boats less than 50m. Each light is constructed from high quality materials, utilizes TecSeal potting for a guaranteed sealed light, is IP68 rated for dust and waterproof, and proivdes 100,000 hours of life performance. Each M20 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 appropriate position, arrow facing forward in the direction of travel with the base level to the water line **(see figure 1)**.
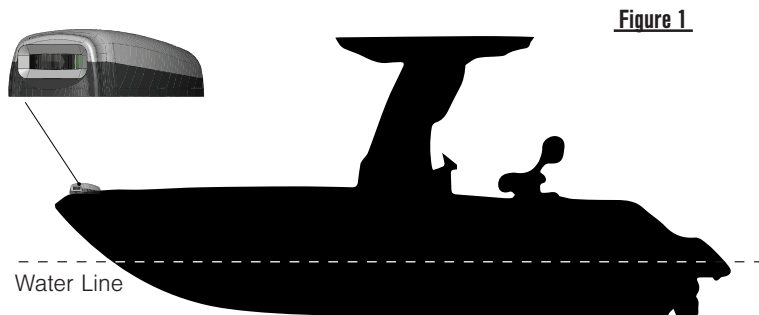

Figure 1

Water Line

2. Use the 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 #29 (.136") pilot holes for #8 mounting screws. Drill one .375" wire access hole.

4. Fasten light base and gasket to deck with two #8 stainless steel screws. **DO NOT OVERTIGHTEN**.

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

6. Use marine-grade waterproof connectors to connect white wire to (+) positive lead from 2-position switch. Connect (-) negative source to black wire and route to (-) negative terminal on battery or proper negative terminal **(see figure 2)**.
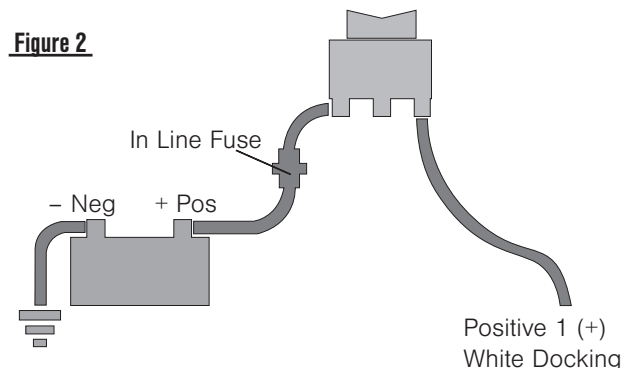

Figure 2

In Line Fuse

– Neg   + Pos

Positive 1 (+)
White Docking

7. Snap black top cover on base and then stainless-steel cover on top of entire light (*if applicable*).