

# 12-Volt: M12 All Around Pole Light

(Part Numbers: M12-WC120-1, M12-WC140-1, M12-WC180-1, M12-WC240-1, M12-WC300-1, M12-WC360-1, M12-WC420-1)

## Installation Instructions

### FEATURES:

TecNiq's M12 All Around Pole Light has been designed to utilize a single LED in a compact light package to successfully meet every "all around light" specification. Each M12 is completely sealed and has an IP68 rating for dust and waterproof. The M12s are surface mount pole lights and provide bright lighting in an extremely small package. The M12 meets ABYC A-16 and USCG 2NM standards, C-5 standards, and is designated for boats less than 50m. Each M12 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 designated mounting position on boat
2. Use the base as a template and mark the two mounting holes and then mark one wire access hole between the mounting holes.  
**CAUTION: Wires should not contact the boat**
3. Move light away and drill two #1 pilot holes for ¼" mounting screws. Then, drill one 0.50" wire access hole.
4. Bring one appropriate gauge positive (+) wire 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 white wire to the (+) positive lead. Connect (-) negative source to black wire and route to (-) negative terminal on battery or proper negative terminal (**see figure 1**).
6. Fasten light to boat with two ¼" stainless steel flat-head screws. **DO NOT OVERTIGHTEN OR PINCH WIRES. ENSURE WIRES GET RUN THROUGH DESIGNATED WIRE CUT OUT IN THE POLE BASE.**
7. Adjust metal pole base (using twist knob) and light components (using a Phillips-head screw-driver) such that the light emitting surface sits parallel to the surface of the water. **ENSURE COMPONENTS ARE TIGHTENED DOWN SUCH THAT LIGHT DOES NOT FALL OUT OF ALIGNMENT.**