TriColor/Anchor LED Nav Lights
Model: QTA-B, QTA-W, QTAP-B, QTAP-W
OWNER’S MANUAL

USCG 2NM Approved
33 CFR 183.810 Meets ABYC-A16
INTRODUCTION

Weems & Plath’s OGM Q TriColor/Anchor LED Navigation Light is designed for use on sailing vessels under 65.5-feet (20 meters) and will provide full brightness at any operating voltage from 4V to 48V DC. This ensures the light will meet or exceed the visibility requirements as the battery voltage drops from use. To ensure compliance with the ’72 COLREGS and U.S. Inland Rules, the installation instructions provided below must be followed.

Mounting:

1. The TriColor/Anchor Light should be mounted at the top of the mast, be level, and with the center divider (located between the red and green lights) facing directly forward.

2. The three 6-32 stainless steel inserts in the bottom of the light’s housing. This allows the light to be mounted to a variety of mounting brackets. *Mounting brackets can be purchased from Weems & Plath or your local marine retailer.

3. The light is completely waterproof so no extra precautions are necessary to protect the components within the light.

Wiring:

The TriColor/Anchor Light is equipped with a 3-conductor waterproof plug. The mating connector and 3-foot cable are included. Mast wiring of 20-gauge is sufficient to supply power to the TriColor/Anchor Light, although 16-gauge is recommended.

Three-Wire Operation and Wiring:

There are three wires in the supplied mating yellow/black cable. The proper connection for these wires is shown in the following diagram:

- **BLACK (Shield)**: Electrical ground/negative battery terminal
- **BROWN**: Anchor
- **BLUE (Red)**: Power for TriColor light

Quick Disconnect Wiring Diagram

If your TriColor/Anchor Light has a photodiode option, the light will blink twice and then go off in ambient light. This is normal operation.

Current Draw and Fusing:

The current draw of the TriColor/Anchor Light is a low 0.39 Amps at 12V DC. A circuit breaker or fuse of 2 Amps is recommended.

Improper fuse protection could result in severe damage to the light, boat, or persons in the event of a catastrophic failure.

SPECIFICATIONS

Visibility: 2 nautical miles
Waterproof: yes, completely submersible
Power Consumption: 4.5 Watts
Voltage Range: 4V to 48V DC
Current Draw: 0.39 Amps at 12V DC
Wiring: 3-conductor waterproof plug with supplied mating connector and 3-foot cable
Horizontal Viewing Angle: 112.5° for Port/Starboard; 135° for Anchor
Vertical Viewing Angle: +/- 36°

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>QTA-B</td>
<td>Q TriColor/Anchor LED Nav Light in Black</td>
</tr>
<tr>
<td>QTA-W</td>
<td>Q TriColor/Anchor LED Nav Light in White</td>
</tr>
<tr>
<td>QTAP-B</td>
<td>Q TriColor/Anchor LED Nav Light with Photodiode in Black</td>
</tr>
<tr>
<td>QTAP-W</td>
<td>Q TriColor/Anchor LED Nav Light with Photodiode in White</td>
</tr>
</tbody>
</table>

Warranty:

This product is covered by a LIFETIME Warranty. For more details on the warranty, please visit: www.Weems-Plath.com/Support/Warranties

To register your product visit: www.Weems-Plath.com/Product-Registration