

**Warranty:**

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

To register your product visit: [www.Weems-Plath.com/Product-Registration](http://www.Weems-Plath.com/Product-Registration)

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**Weems & Plath** **OGM** Series

**Q** COLLECTION

**TriColor/Anchor LED Navigation Light**

**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.

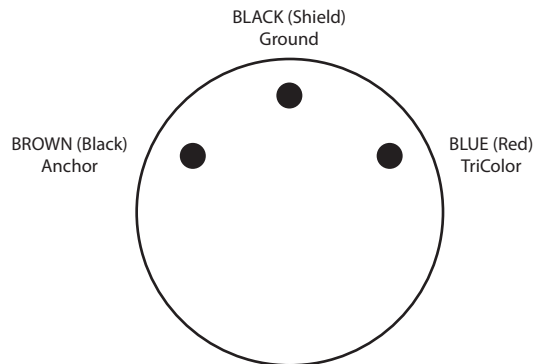
### Mounting:

1. The TriColor/Anchor Light should be mounted at the top of the mast, be level, and with the light's center divider (located between the red and green lights) facing directly forward.
2. The three 6-32 threaded holes in the bottom of the light's housing. Allow the light to be mounted to a variety of mounting brackets. *\*Mounting brackets can be purchased from Weems & Plath or your local marine retailer. Recommended: (#QBRKT-T2) 2" or (QBRKT-T4) 4" Q Brackets.*
3. We recommend using an anti-seize lubricant (such as Tef-Gel) when installing the stainless steel fasteners in aluminum housing.
4. 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 6-foot, 24 AWG cable are included. Mast wiring of 20-gauge is sufficient to supply power to the TriColor/Anchor Light, although 16-gauge is recommended.

#### Quick Disconnect Wiring Diagram



### 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:

Wire Color from Pigtail	Connection/Function
BLACK	Electrical ground/negative battery terminal
BROWN	Anchor
BLUE	Power for TriColor light

*\*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 6-foot cable

**Horizontal Viewing Angle:** 112.5° for Port/Starboard; 135° for Anchor

**Vertical Viewing Angle:** +/- 36°

Model #	Description
QTA-B	Q TriColor/Anchor LED Nav Light in Black
QTA-W	Q TriColor/Anchor LED Nav Light in White
QTAP-B	Q TriColor/Anchor LED Nav Light with Photodiode in Black
QTAP-W	Q TriColor/Anchor LED Nav Light with Photodiode in White