



LX COLLECTION

All Around (RED) LED Navigation Light
(for Commercial, Military, & Large Recreational Vessels)

Model: LXAA-RED

OWNER'S MANUAL



USCG 2NM Approved
33 CFR 183.810 Meets ABYC-A16

Weems & Plath®

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INTRODUCTION

Weems & Plath's OGM LX All Around (RED) LED Navigation Light is designed for power-driven commercial, military, or large recreational vessels under 164-feet (50-meters) and will provide full brightness at any operating voltage from 9V to 30V 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.

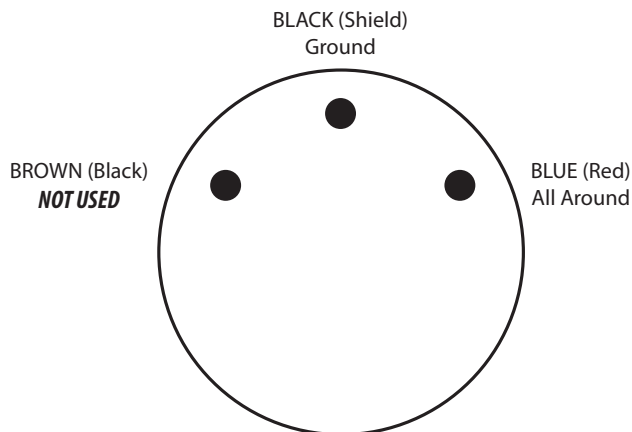
Mounting:

1. There are three 6-32 threaded holes in the bottom of the light's housing. This allows the All Around Light to be mounted to a variety of mounting brackets. **Mounting brackets can be purchased from Weems & Plath or your local marine retailer.*
2. We recommend using an anti-seize lubricant (such as Tef-Gel) when installing the stainless steel fasteners in aluminum housing.
3. The light should be mounted level and even to insure maximum visibility of the light.

Wiring:

The All Around (RED) 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 light, although 16-gauge is recommended.

Quick Disconnect Wiring Diagram



There are three wires in the supplied mating yellow/black cable, however you will only use **two wires for the All Around (RED) Light (#LXAA-RED)**. 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	<i>(NOT USED)</i>
BLUE	Power for All Around Light

1. Connect the black wire to the boat's DC ground and the blue wire to the boat's DC positive power source. NOTE: DO NOT CONNECT THE BROWN WIRE. Ensure that the supplied voltage is greater than 8V and less than 31 V DC. Weems & Plath does not guarantee any light connected improperly or to an incorrect voltage. Always verify proper DC voltage before final connections are made.
2. **WARNING:** The current draw of the All Around Light is ≤ 0.33 Amps at 12V DC. The power circuit should include proper fusing or a circuit breaker with a trip current of 1 Amps.
3. Check the light with a battery after installation is complete to ensure proper operation.

SPECIFICATIONS

Visibility: 2+ nautical miles

Waterproof: Yes, completely submersible

Power Consumption: 6 Watts

Voltage Range: 9V to 30V DC

Current Draw: ≤ 0.33 Amps at 12V DC

Wiring: 2-conductor 24 AWG UV jacketed 6-foot cable

Horizontal Viewing Angle: 360°

Vertical Viewing Angle: +/- 18°

Warranty:

This product is covered by a Limited 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