

Lunasea Lighting Tri-color NAV lights

Lunasea has two models of this light, referred to as the LL53 and LL73.

The LL53 is made from machined aluminum, glass lens, features Tri-color, Anchor and strobe modes. At anchor, a daylight sensor will turn off the anchor lights to conserve power.

The light is designed to function at 12Vdc and will withstand the normal voltage variants of a sailboat.

The light also features 'Zero-EMI' emitting no conducted or radiated EMI noise, making it a good fit for masthead installations in close proximity to VHF radios etc.

The light has no user replaceable components. The fixture is completely sealed and weather tight, as its life is spent in most abusive atmosphere, noon day sun on salt water oceans, and frigid evenings in Alaska...

TESTING: Simple test to determine the light is working.

The light has three wires. 1 Ground, 2 Anchor and 3 Nav.

The light has three modes. 1 Anchor (at night) 2 Tri-color NAV and 3 (LL53 Only) Strobe.

The ground wire should make its way back to battery ground and remain connected.

ANCHOR TEST: Apply 12Vdc to the anchor wire. White LEDs should be on 'all around', during night time. It may be on during foggy or overcast days depending on the amount of sunlight that gets through to the light.

The 12V can be verified at the base of the mast wiring access. This would eliminate any wire or fuse issue. Measure voltage and expect between 12 volts up to 16 volts DC.

TRI-COLOR TEST: Turn off the anchor light, and apply 12Vdc to the NAV wire. This should illuminate tri-color at all times. Again verify the 12V at the base of the mast.

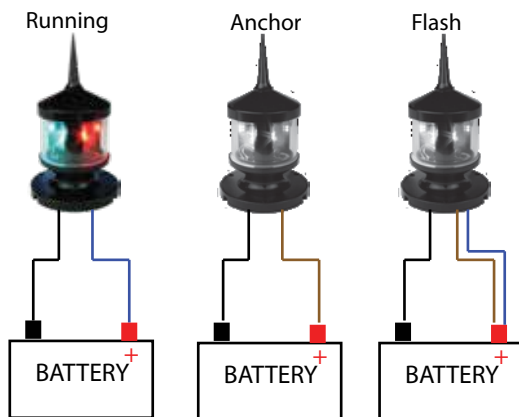
STROBE TEST: Apply 12V to both anchor and NAV wires at the same time. The light should flash white LEDs at about a 1 second rate 'all-around'.

If one of more of these tests fail troubleshoot the wire connections and voltages to the light. The LL53 light has a pigtail connection at the light. (top of the mast) This allows for disconnect and testing of the voltages, and replacement if necessary.

If it is determined the light fixture is at fault, it is necessary to return the light to our facility for test/repair. Please call or email for an RMA number used to tract the light, while in repair. Lunasea has a robust repair, replace, refurbish policy for our customers.

Thank you for your interest in our products.

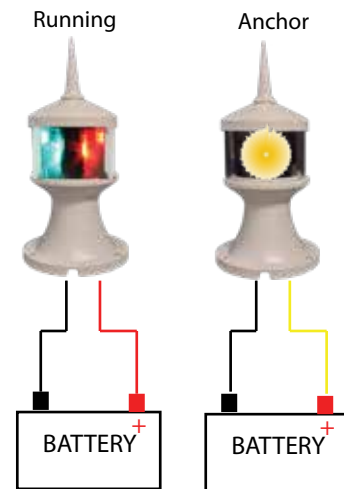
LL53 Fixture



Three wires up mast - Anchor, Running and Ground

- + BLUE : Running
- + BROWN : Anchor
- + BLUE & + BROWN : Flash
- BLACK (ground)

LL73 Fixture



Three wires up mast - Anchor, Running and Ground

- + RED : Running
- + WHITE : Anchor
- BLACK (ground)