

Installation Instructions

CAUTION: Certain bow shapes may not allow proper installation position for SuproFlex Mounted LED Navigation Lights, I.E. pontoon boats or other square bow shapes, and certain tight-radius bow shapes. Contact TACO Marine Technical Support for questions or assistance before installing lights. TACO Marine is not responsible for incorrect installation by boat builders or consumers. Side light beam “edge” line should NEVER CROSS over to each other (Red or Green). Both color light beams MUST BE PARALLEL to each other facing forward in the mounting position installation.

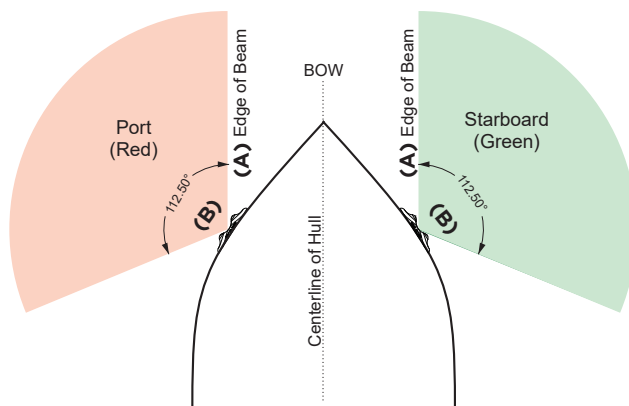
- Using the diagram below, ensure the “EDGE OF BEAM (EOB)” lines are facing forward from the boat.
- The EOB (A) line must be parallel to the centerline/keel of the boat.
- Once illuminated, the EOB lines for the port and starboard lights, must be parallel with each other. The EOB lines cannot cross.
- Slide the diagram along rub rail until EOB line is parallel to the centerline/keel of the boat.
- Using the center of the light beam lines (B) noted on diagram, place a mark on the designated surface.
- Drill a 1/8” pilot hole into the SuproFlex Rub Rail. Use the scribe line in the SuproFlex Rub Rail for alignment of the drill bit.
- After drilling the pilot hole, use a 5/8” bit or hole saw to drill through the rub rail insert, rub rail and bow cap. Clean away any debris or rough edges on the insert hole. (Illustration 1.)
- Before making electrical connections, insert the navigation light fixture into the 5/8” hole and mark the fasteners locations.
- Use a drill and flat head #8 screws to fasten the light to the SuproFlex Rub Rail.
- Remove the light fixture and use the recommended procedure and marine connectors to strip and connect wires to the power (red+) and ground (black -) source.

Box Includes

- 2 NAVIGATION LIGHT BEZEL
- RUB RAIL MOUNTED NAV LIGHTS
- 8”X8” 3M POLY BAG

Required* *not included

- SAFETY GLASSES
- ELECTRIC DRILL
- ELECTRIC SCREW GUN
- HACK SAW OR SOMETHING SIMILAR
- PENCIL
- MASKING/PAINTER'S TAPE
- 1/8” DRILL BIT
- 5/8” DRILL BIT
- MARINE-GRADE ELECTRICAL CONNECTORS
- MARINE-GRADE SEALANT



11. Once the connections are made, reinstall the light fixture into the hole.
12. Use a small amount of marine-grade silicone around the 3/4" hole where the light fixture enters the rub rail/bow cap, insert the fixture and let dry. This will help eliminate water intrusion.
13. Fasten the navigation light fixture using the #8 screws.
14. Install the insert so that the end of the insert fits under the light cover. (See Illustrations 2 - 5.)
15. Follow the same steps for mounting the second light to the opposite side of the boat.

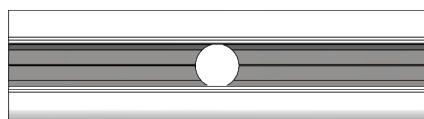


ILLUSTRATION 1

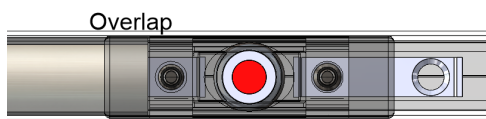


ILLUSTRATION 2

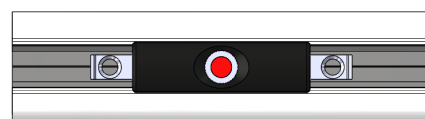


ILLUSTRATION 3



ILLUSTRATION 4



ILLUSTRATION 5

Service Instructions

Required*
***not included**

*To properly service the light,
it needs to be removed from the hull surface.*

- ALLEN WRENCH

- HEAT SINK GREASE

- NEW LED

1. Disconnect Wiring

We recommend disconnecting the wiring of the light. However, if you have enough wire to remove the light and set it safely and securely on the gunnel without the light falling overboard, then disconnecting is not necessary.

2. Remove LED from Heat Sink

Using a wrench, carefully loosen the setscrew counter-clockwise. Do not remove the setscrew. Also, do not loosen it too much or else the screw may fall out. Only loosen the setscrew enough to slide the LED out of the heat sink and cover openings.

3. Inserting New LED

Once the new LED light is ready, apply a small amount of heat sink grease, which can be purchased online or at most electronic supply stores. Apply the grease to the shaft of the new LED where the inner heat sink hole and LED shaft make contact with each other. The heat sink grease helps to dissipate heat effectively. After applying heat sink grease, simply reverse all previous steps. Be sure to hold the heat sink plate and LED together while tightening the setscrew to finish the task.



SUPROFLEX RUB RAIL LED NAVIGATION LIGHTS

F38-9960

The compliance date for ABYC A-16, Installation of Electric Navigation Lights, and C-5, Construction and Testing of Electric Navigation Lights, went into effect on August 1, 2023. All TACO Marine Navigation, Masthead, and All-Around Lights meet the requirements set forth and are approved under the NMMA Type Accepted Agreement. Additionally, all TACO Marine Navigation Lights have always used LED Cree chip technology. Please see below for documented approval of the required testing:

- C-5 Testing
- All-Around (F38-9000 Root Part Number)
- Component ID 2619819

- C-5 Compliant
- Navigation Lights (Side Lights)
- Component ID 2619788

INSTRUCT-9960