

## Fig. 1647 LED Bi-Color Light Fig. 1648 LED Bi-Color Light with Utility Light

These lights are designed for use on power driven vessels under 20 meters (65.6 ft.) in length operating on a nominal 12 Volt system. In order to comply with ABYC Standards C-5 & A-16, EN/ISO 19009:2015, the '72 COLREGS and the U.S. Inland Rules, the following must be adhered to: When properly installed these replacement poles will comply with the '72 COLREGS and the U.S. Inland Rules.

### MOUNTING INFORMATION

Read all instructions before proceeding.

- 1). For proper light selection, positioning and configuration, refer to the ABYC Standards C-5 & A-16\*, EN/ISO 19009:2015\* Standard, the '72 COLREGS\* and the U.S. Inland Rules\*.
- 2). **IMPORTANT:** Top of light must be vertical during operation (See Diagram #1). If base (installed separately) was properly oriented, then front of the light will face forward and parallel to the centerline of the boat. (See Diagram #2).
- 3). **Setup for Operation:**  
**Fig. 1647:** Insert pole in 2 pin, "0° rake" (vertical) base, making sure alignment screw in pole slides into notch in base. Push pole down until it engages the electrical connector and then lock by rotating the locking collar clockwise.  
**Fig. 1648:** Insert pole in 3 pin, "0° rake" (vertical) base. As pole engages with base, make sure alignment screw in pole slides into the notch in the base. Push the pole until it engages the electrical connector. Turn the locking collar clockwise until it locks into place and is snug onto the base. This light fixture has a utility light with an on/off switch located on the under side of the light head. (See Diagram 3).
- 4). These lights use LEDs and therefore are not serviceable. Do not attempt to open the stainless lens cover or the LED pods.
- 5). **These LED lights are polarity sensitive.** If the light does not operate after installation, the base wiring may need to be reversed. Remove the base and reverse the wire connections. (See Diagram 3).

\* The above referenced Standards can be obtained from:

- 1) American Boat & Yacht Council, Inc  
613 Third Street, Suite 10  
Annapolis, MD 21403
- 2) U.S. Coast Guard  
Washington D.C. 20593  
(or your local C.G. office)
- 3) International Standards Organization (ISO)  
Ch. de Blandonnet 8 • CP 4  
CH-1214 Vernier, Geneva, Switzerland

### DIAGRAM #1

NOTE: Top of light must be vertical during operation.



Fig. 1647

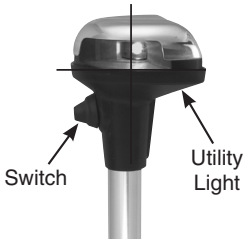
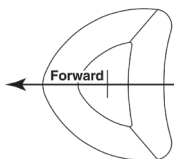


Fig. 1648

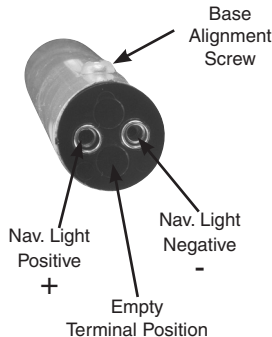
### DIAGRAM #2



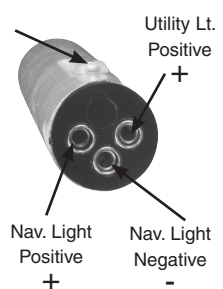
### DIAGRAM #3

Bottom view - pole contact wiring leads

2 Contact Poles



3 Contact Poles



### Compatible 0° Rake Bases

2 Pin:

1045P0SDP

1047P0SDP

3 Pin:

104530SDP

10473BSDP