



### Cat. No. 0647 Series LED Bi-Color Lights

### Cat. No. 0648 Series LED Side Lights

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 C-5, A-16, EN/ISO 19009:2015, the '72 COLREGS and the U.S. Inland Rules, the following must be adhered to:

#### MOUNTING INFORMATION

Read all instructions before proceeding

- 1). For proper light selection, positioning and configuration, refer to the ABYC C-5, A-16\*, EN/ISO 19009:2015\* Standards, A.B.Y.C., the '72 COLREGS\* and the U.S. Inland Rules\*.
- 2). These lights are designed to be mounted on a horizontal surface.
- 3). Draw a 6 inch long reference line through the center of the selected mounting location and parallel to the centerline of the boat.
- 4). Cut out the mounting template. Place it on the mounting surface such that the reference line (drawn above) is directly underneath the reference line marked on the template.
- 5). Drill 2 holes through the template to accommodate #6 pan or round head mounting screws. Drill a 7/16 inch hole to accommodate the electric wiring.
- 6). Attach supply connections to the light, making sure to wire in accordance with both A.B.Y.C. Standard E-11\* and U.S. Coast Guard Safety Standards for Boat Electrical Systems (33 CFR 183)\*. **Observe polarity.**
- 7). Mount the light in accordance with the template. Note that there are thin reference marks on the outside of the base that must be aligned with the reference line (drawn in Step #3) for final accuracy of mounting orientation.
- 8). These lights are supplied complete with 12 volt LED's. There are no user serviceable components.

\* 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

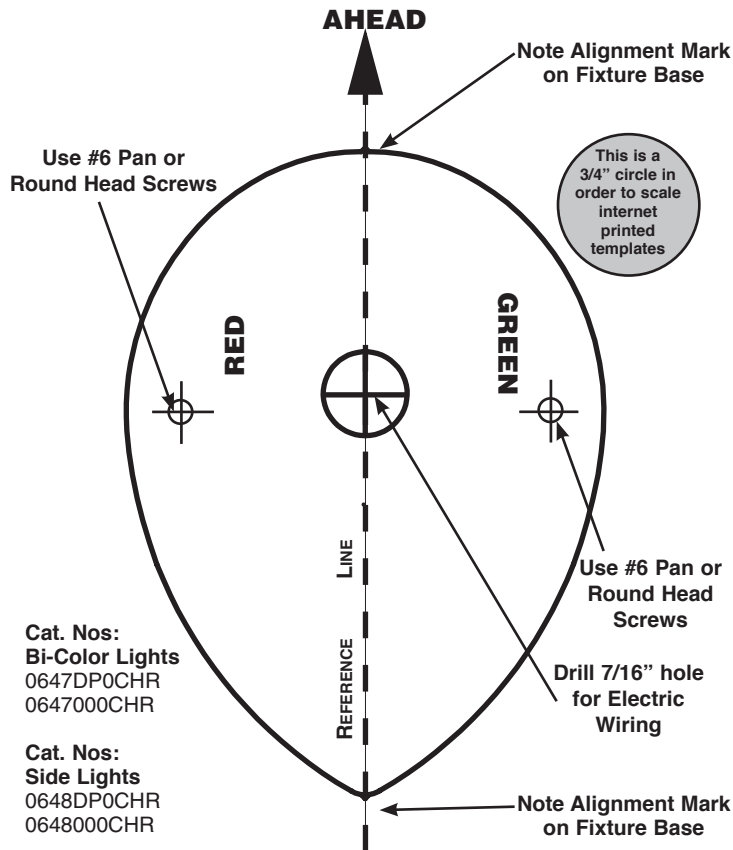
Visibility: 2nm



Date: 12/12/19



## TEMPLATE



**Cat. Nos:**  
**Bi-Color Lights**  
0647DP0CHR  
0647000CHR

**Cat. Nos:**  
**Side Lights**  
0648DP0CHR  
0648000CHR