

The above lights with clear globes (0238, 0239 & 0248) are designed for use on power driven vessels under 20 meters (65.6 ft.) in length operating on a nominal 12 volt system. The above lights with translucent globes (0201) are for use on sail or power driven vessels under 20 meters (65.6 ft.) in length. In order to comply with '72 COLREGS and U.S. Inland Rules, the following must be adhered to:

### MOUNTING INFORMATION

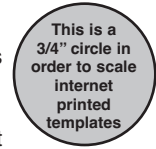
Read all instructions before proceeding.

**Note: Clear Globes Must Be Vertical During Operation.**

- 1). For proper light selection, positioning and configuration, refer to A.B.Y.C. Standard A-16\*, '72 COLREGS and U.S. Inland Rules\*.
- 2). These lights are designed to be mounted on a horizontal surface.
- 3). For mounting template A, place a mark at the center of the selected mounting location. For templates B & C, 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 appropriate mounting template. For template A, place it on the mounting surface such that the reference mark (drawn above) is directly underneath the center of the template. For templates B & C, place the template on the mounting surface such that the reference line drawn above is directly underneath the reference line marked on the template.
- 5). Drill indicated holes through the template to accommodate #8 oval head mounting screws and either socket or telescopic poles as required.
- 6). Attach supply connections to the light, making sure to wire in accordance with both A.B.Y.C. Standard E-9\* and U.S. Coast Guard Safety Standards for Boat Electrical Systems (33 CFR 183)\*.
- 7). Mount the base in accordance with the template.
- 8). Important: Clear globes (0238, 0239 & 0248) must be vertical during operation in order to assure compliance with the technical details of the regulations and employ the "Reduced Glare" feature of the 1431, 1632 & 1650 series optical systems.
- 9). Set-up for Operation:
  - a). **Plug-in Models:** 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 drops into place and locks the pole. Clear globes must be vertical. (See Step #8).
  - b). **Telescopic Models:** Lock pole in fully extended position. The locking collar on the pole is eccentric and is turned clockwise to lock and counterclockwise to unlock.
- 10). Relamp only with bulb type as marked on globe or inside fixture. For clear transparent globes (0248 Series 1311 & 1330 Lights) use ANSI #90 bulbs (PERKO Cat. No. 0337011DP 12V, 7W), for white translucent globes (0201 Series 1430, 1611, 1630 & 1631 Lights) use ANSI #1004 Bulbs (PERKO Cat. No. 0337012DP 12V, 11W), and for "Reduced Glare" Globes (0238 & Series 1431, 1632 & 1650 lights) use ANSI #906 bulbs (PERKO Cat. No. 0338DP2CLR 12V, 9W).

\* The above referenced standards can be obtained from:

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| (1) American Boat & Yacht Council, Inc.<br>613 Third Street, Suite 10<br>Annapolis, MD 21403 | (2) U.S. Coast Guard<br>Washington, D.C. 20593<br>(or your local C.G. office) |
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**Globe 0239**  
"Reduced Glare"  
Fig. 1650



**Globe 0238**  
"Reduced Glare"  
Fig. 1431 & 1632



**Globe 0248**  
Fig. 1311 & 1330



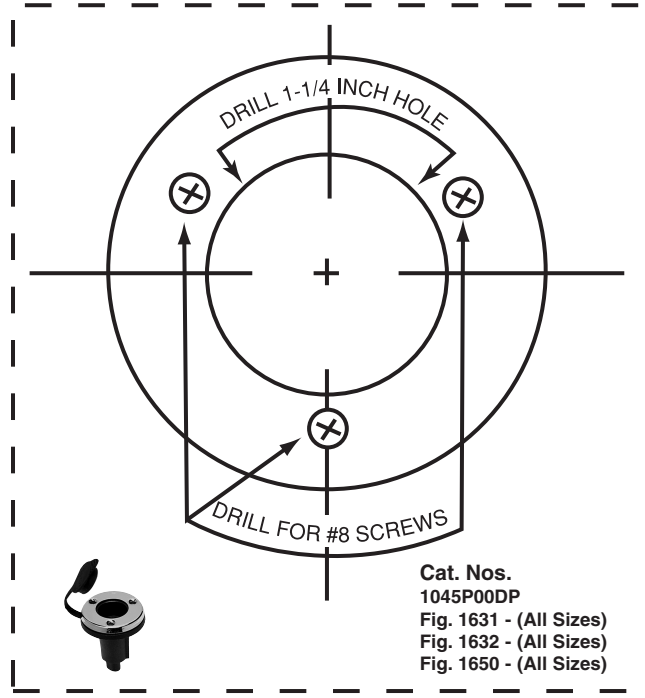
**Globe 0201**  
Fig. 1611, 1430, 1630 & 1631  
**Translucent White All-Round Light**

**Collar in Locked Position**



### MOUNTING TEMPLATE A

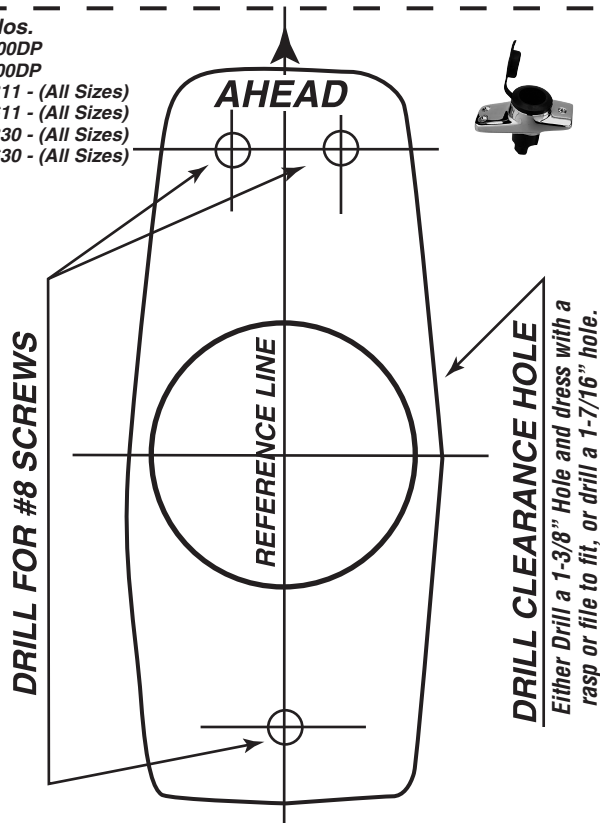
CUT OUT ALONG BROKEN LINE



This is a 3/4" circle in order to scale internet printed templates

### MOUNTING TEMPLATE B CUT ALONG BROKEN LINE

Cat. Nos.  
1059P00DP  
1059T00DP  
Fig. 1311 - (All Sizes)  
Fig. 1611 - (All Sizes)  
Fig. 1330 - (All Sizes)  
Fig. 1630 - (All Sizes)



### MOUNTING TEMPLATE C CUT ALONG BROKEN LINE

Cat. Nos.  
1060P00DP  
1060TB0DP  
Fig. 1430 - (All Sizes)  
Fig. 1431 - (All Sizes)

