

# PERKO®

*Cat. Nos. 1636, 1639 & 1642 Series  
Fold Down L.E.D Reduced Glare White All-Round Lights  
Patent D652,161S*



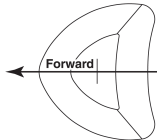
The above lights are designed for use on power driven vessels under 20 meters (65.6 ft.) in length operating on a nominal 12 volt system. In order to comply with '72 COLREGS and the U.S. Inland Rules, the following must be adhered to:

## **MOUNTING INFORMATION**

Read all instructions before proceeding.

- 1). For proper light selection, positioning and configuration, refer to A.B.Y.C. Standard A-16 (1), the '72 COLREGS, and the U.S. Inland Rules (2).
- 2). These lights are designed to be mounted on a horizontal, vertical or angled surface.
- 3). Horizontal rotation of these lights is unimportant, as all-round lights have 360° horizontal arc of visibility. However, aesthetically, mount the light as shown in Diagram #1.
- 4). Using the base or the plastic mounting insulator as a template, place it on the mounting surface such that the globe can be adjusted to a vertical position when mounted.
- 5). Drill mounting holes for #8 screws (not supplied). Use #8 oval or flat head screws on lights with metal swivel bases and use #8 round or pan head screws on lights with plastic swivel bases.
- 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)\*. **Observe polarity.**
- 7). Mount the light. On metal swivel base lights, the plastic mounting insulator (supplied) and stainless steel screws (not supplied) may be used between the base and mounting surface to reduce the possibility of electrolysis on dissimilar metals.
- 8). Adjust pole such that the light is in a vertical position during operation, in order to assure compliance with the technical details of the regulations and employ the "Reduced Glare" feature on the 1636/1639/1642 Series optical system. See Diagram #2.
- 9). These lights use white L.E.D.'s and therefore are not serviceable. The lens/globe is permanently sealed and cannot be opened.

**DIAGRAM #1**



**DIAGRAM #2**

