

## Fig. No.: 1665 SERIES Fold-In-Half Plug-In Mt. White All-Round Lights (All Sizes)

The LED Series (Figure No. 1665) lights are certified for use on power driven vessels under 20 meters (65.6 ft.) in length operating on a nominal 12 volt system. All pole lights must be used with separately mounted bases (such as PERKO figure numbers 1045, 1046, 1047, 1048 or 1060 with compatible locking collars or threaded collars). When properly installed, these replacement poles will comply with A.B.Y.C. Standards C-5 and A-16, EN ISO 19009, '72 COLREGS and the U. S. Inland Rules.

### MOUNTING INFORMATION

(Read all instructions before proceeding.)

- 1). For information on proper light selection, positioning and configuration, refer to A.B.Y.C. Standards C-5 and A-16 (1), the '72 COLREGS, and the U.S. Inland Rules (2).
- 2). The center of the lens of white all-round pole lights must be located at least 1 meter (39.4") above the center of the lenses of either the bi-color or the red and green side lights on the vessel. Be sure to use a light with a sufficiently long pole to meet this requirement (See Diagram #1).
- 3). These poles can be mounted in either 0° or 5° raked bases.
- 4). These replacement poles will fit a large number of base styles produced by various manufacturers. The differences involve screw positions and the use of a collar. Before attempting to install poles, identify the style of base currently on the boat.
- 5). To store folding lights (Series 1665) grasp both sections of pole and push towards center coupling (See Diagram #2). While pushing, rotate one end of pole until screw is positioned in open slot. Gently pull poles apart until they are clear of each other, then fold one pole onto the other with wire passing through slot. NOTE: The wire will remain connected to both poles and will be damaged if too much pulling force is applied.

### Pole light collar and screw position configurations used in common base type applications:

(Check base to determine collar type – threaded or eccentric).

#### A). Old Style PERKO

##### Figure Nos. 1023 & 1026 (With Locking Ring on the Base)

One screw in bottom position. No Collar. Remove top screw and cover hole with silver disk included in package.

#### B). PERKO bases with eccentric (locking) collars

##### Perko Series 1045, 1046, 1047 & 1060 and Some Imported Bases

One screw in bottom position with an Eccentric Collar Remove top screw and cover hole with silver disk included in package.

#### C). PERKO bases with threaded collars

##### Perko series 1048 and special versions of Perko Series 1045 & 1049 bases

One screw in bottom position with a threaded collar. Remove top screw and cover hole with silver disk included in package. NOTE: spacer is needed under collar when light is used with special 1045 style base with threaded collar. For poles with a small threaded collar that fit the Fig.1049 base (not shown), contact PERKO.

#### D). MANY BASES MADE BY OTHER MANUFACTURERS

Determine screw position by inserting pole into base. Application may require one screw in either the top or bottom position or it may require the use of both screws. Likewise, the application may not require a collar or may require the use of a threaded or eccentric collar. Fit pole into base to determine need. If necessary, move screw to correct position. If a screw hole is left unused, cover the unused screw hole with the silver colored self-adhesive disk included in the package.

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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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