

PERKO®

LED Combination
Masthead/Spread Light
Cat. No. 0170BMD12L



The above light is designed for use on power driven vessels under 20 meters (65.6 ft.) in length. In order to comply with the '72 COLREGS (I.M.O.), U.S. Inland Rules (U.S.A.), or other appropriate authority, the following must be adhered to:

INSTALLATION INSTRUCTIONS

Read all instructions before proceeding.

- For proper light selection, positioning and configuration, refer to A.B.Y.C. Standard A-16*, the '72 COLREGS* and the U.S. Inland Rules*.
- This light is designed to be mounted vertically on a wide range of masts.
IMPORTANT: The mounting wings should not be overstressed outward during installation.
- Mounting Procedure for Smaller Diameter Masts** (Fixture support diameter approx. 3 inches). This procedure will prevent opening a gap in the sides of the masthead light portion of the fixture.
 - Fold the wings toward each other and almost flat against the rear body of the fixture. This will flex the "living" (flexible) hinge to relieve stiffness that pulls the fixture base away from the masthead light cover.
 - Mount the light as described below.
- On larger masts, the flexing is not necessary, as the wings are spread (rather than compressed) and tend to tighten the gap at the masthead light sides.
- The mounting position chosen for the light should be:
 - On the centerline of the boat.
 - At least one meter above the bi-color or sidelights
 - Clear of all other lights or obstacles.
 - Convenient for cleaning.
- Using the wings of the base as a template drill four holes to accommodate #10 mounting screws. **DO NOT COUNTER SINK THE HOLES.**
- Attach navigation electric supply leads to the masthead light and a separately switched supply to the spreader light. Observe Polarity.
- Mount the light using #10 round head or pan head screws.
DO NOT USE COUNTER SUNK (FLATHEAD) SCREWS.

Electrical Connections

Always use cable of sufficient size to ensure total voltage drop is less than 0.5 volt for a nominal 12 volt installation. Recommended minimum cable size is No. 16 AWG (1.5 mm²). Connect the cable per the wiring diagram making sure to wire in accordance with A.B.Y.C. Standards E-9*, U.S. Coast Guard Safety Standards for Boat Electrical Systems (33 CFR 183)* or electrical standards required by another appropriate authority.

LED

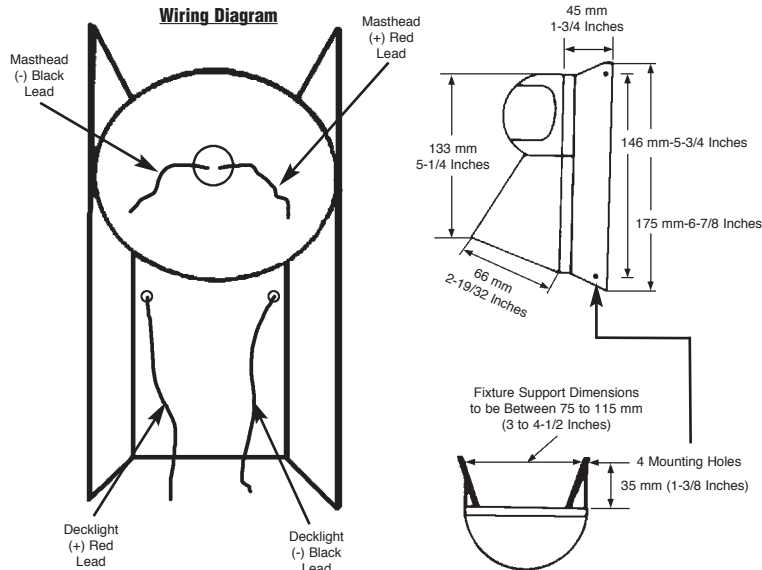
No user serviceable parts

Cleaning

Use only fresh water and mild detergents to clean.

*The referenced standards to the left can be obtained from:

- American Boat & Yacht Council, Inc
613 Third Street, Suite 10
Annapolis, MD 21403
- U.S. Coast Guard
Washington D.C. 20593
(or your local C.G. office)



PERKO, INC.
16490 N.W. 13th Avenue
Miami, FL 33169-5707
www.perko.com

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