

**Cat. No. 0318A00 Dual Voltage Interior Light
Cat. No. 0318DP Dual Voltage Interior Light****INSTALLATION INSTRUCTIONS**

The Cat. No. 0318A00 dual voltage interior light is equipped with two 12 volt bulbs (ANSI #1004, PERKO Cat. No.0 337012CLR), two 120 volt bulbs (G.E. #15T7, PERKO Cat. No. 0337023CLR) and two separate switches marked "High" for 120 volt use and "Low" for 12 volt use.

THIS INSTALLATION MUST BE PERFORMED BY A QUALIFIED MARINE ELECTRICIAN.**READ ALL INSTRUCTIONS BEFORE PROCEEDING:**

- 1). **CAUTION!** Insure current is de-energized before beginning installation. Light fixture should be wired in accordance with N.F.P.A. Standard #302*, A.B.Y.C. Safety Standards E-8 and E-9 (A.C. and D.C. Electrical Systems on Boats), and U.S.C.G. Safety Standard for Boat Electrical Systems (33 CFR 183)*. This unit is not ignition protected.
- 2). Remove retaining screw and lens.
- 3). Open junction box by removing the two screws on opposite corners.
- 4). Remove "knockout" for 120 volt service by tapping from back side of light.
- 5). Align fixture on mounting surface such that both conduit connection and 12 volt wire grommet are properly located. While holding fixture in desired location, mark for mounting #10 screws in the center of the small part of each keyhole slot.
- 6). Install mounting fasteners, leaving room under the heads to position and shift fixture.
- 7). While holding fixture near to mounting surface, lead 12 volt wires through the grommet and 120 volt wires through the "knockout".
- 8). Place fixture in desired position on mounting surface and tighten fasteners. Secure conduit through "knockout".
- 9). Make electrical connections as follows:
 - A). Attach 12 volt negative supply lead to pair of twisted wires marked "Low 12 volt".
 - B). Attach 12 volt positive supply lead to single free lead from switch marked "Low 12 volt".
 - C). Attach 120 volt neutral supply lead to pair of twisted wires marked "High 120 volt".
 - D). Attach 120 volt hot supply lead to single free lead from switch marked "High 120 volt".
 - E). Make certain to make a proper ground to fixture frame by connecting a ground wire to fixture grounding screw.
- 10). Replace junction box cover noting triangular tab on corner of cover which allows only one orientation.
- 11). Replace globe, noting notch at bottom edge on one end of globe must align with tab on mounting flange of fixture.

* The above referenced standards can be obtained from:

- 1). American Boat & Yacht Council, Inc.
3069 Solomon's Island Road
Edgewater, Maryland 21037
- 2). U.S. Coast Guard
Washington, D.C. 20593
(or your local C.G. office)
- 3). National Fire Protection Association
470 Atlantic Avenue
Boston, MA 02210