

FEPR SERIES FLUORESCENT LUMINAIRES

COOPER Crouse-Hinds
PAULUHN
IFLBL1569

FEPR454 – Lamp assembly replacement

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

CAUTION Read carefully before servicing the luminaire. These instructions include information for installation in both hazardous and marine locations. Any warning or special instructions should be closely followed. Marine installations on boats should be done in accordance with the regulations of the USCG, CFR46, SUB CHAPTER J, PPARTS 110-113. Hazardous area installations should be done in accordance with article 500 and 501 of the NEC. Check the ratings to insure suitability for the area. Must be installed in accordance with the NEC (National Electrical Code) and or CEC (Canadian Electrical Code) and all other applicable codes. All luminaires must be properly grounded.

To Reduce the risk of fire or explosion, do not install where the marked operating temperature exceeds the ignition temperature of the hazardous atmosphere. Disconnect the luminaire from the supply circuit before opening. Keep tightly closed when in operation. Do not attempt to install this luminaire unless you are familiar with warnings, cautions and procedures outlined in this information sheet. Product must be used only with glass tubes intact and all caps threads fully engaged. Do NOT use if glass tubes are cracked or damaged. Commander (FEPR) luminaires are intended for horizontal mounting by clamps or direct to cross members. Adjustable L brackets allow mounting straight down. Do not exceed 45° from horizontal straight down for applications in Class II Div 1 Groups E, F & G.

WARNING Risk of explosion or electrical shock hazard, only qualified personnel should conduct this procedure! Fixtures are listed for Class I, Division 1, Groups C & D, Class II Division 1, Groups E, F & G, and Class III hazardous locations. The area must be known to be hazard free prior to servicing this product. Do not attempt to service this product or make electrical connections with the power ON.

WARNING Disconnect luminaire from supply circuit before removing end caps. Do not re-energize until all end caps are re-installed.

1. Open each end caps by turning counter-clockwise (Figure 2).

Note: One end is the wired end (Figure 4). The other end is a blank end (Figure 3).

2. Replace blank end caps. Once hand tight, tighten cover with wrench an additional 1-½ turn (Figure 2).

3. Pull connectors out (wired end, Figure 4).

4. Disconnect both connectors (Figure 4).

5. Remove retainer clip by loosening #6 screw (Figure 5).

6. Slide out lamp assembly (Figure 6).

7. Slide in new lamp assembly (Figure 6).

8. Replace retainer clip and tighten #6 screw (Figure 5, Figure 6).

9. Connect new lamp assembly (Figure 6).
a) 2 wire connector to the 2 wire plug
b) 4 wire connector to the 4 wire plug

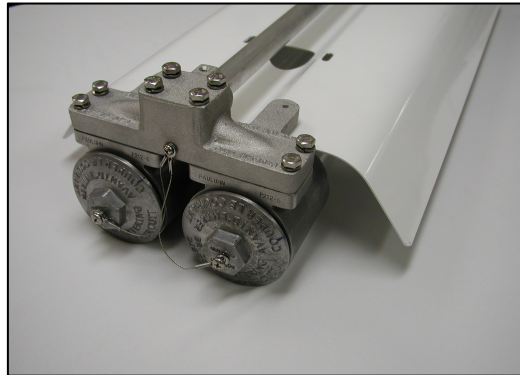
10. Push connected wires back inside end housing (Figures 4).

11. Replace each end caps, on end of glass tube assembly. Once hand tight, tighten cover with wrench an additional 1-½ turn (Figure 2).

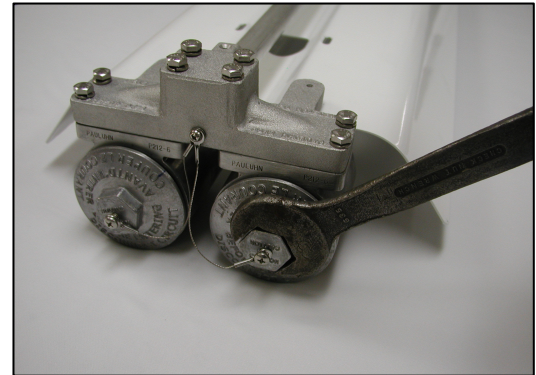
CAUTION When replacing end caps, make sure that there are no protruding wires that can be pinched.

12. Verify each end caps have been replaced and are tight prior to reenergizing.

Note: Refer to IF LBL1477 for complete fixture Installation Instructions.



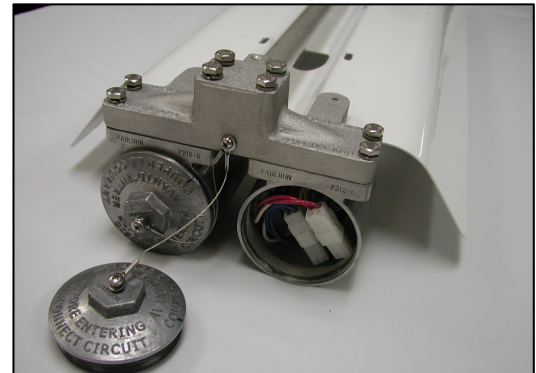
(Figure 1)



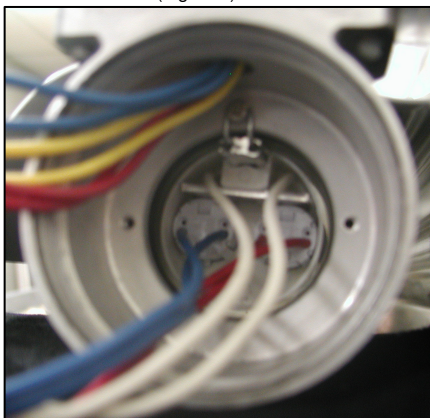
(Figure 2)



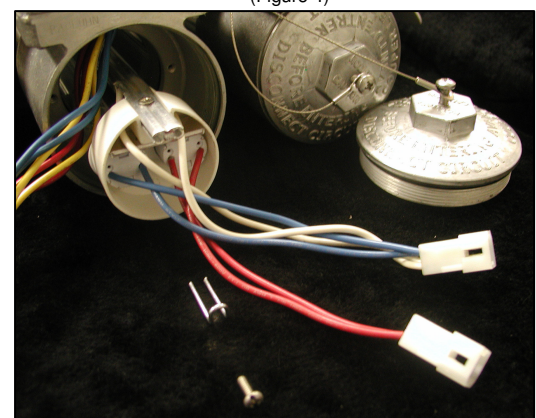
(Figure 3)



(Figure 4)



(Figure 5)



(Figure 6)

All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Crouse-Hinds "Terms and Conditions of Sale", and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection therewith.