

# RBF, VULCAN SERIES HID LUMINAIRES

**COOPER** Crouse-Hinds  
**PAULUHN**

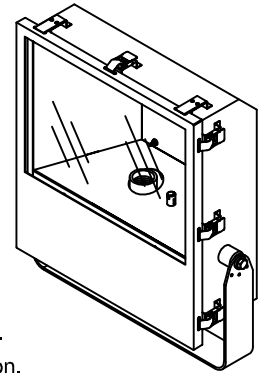
## Installation & Maintenance Information

IF LBL1358

**SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE**

**WARNING:** For use in Hazardous Locations. To prevent the risk of severe electric shock as well as arcing or sparking, make sure the power has been removed from all supply wires and that the fixture has been properly grounded. FAILURE TO COMPLY WITH THIS WARNING MAY RESULT IN ELECTROCUTION AND MAY CAUSE AN EXPLOSION OR FIRE, RESULTING IN SEVERE INJURY OR DEATH.

**CAUTION:** Use a qualified electrician to wire the fixture. The proper electrical fittings must be used to comply with the class or zone of the area.



### FIXTURE INSTALLATION

1. Mount the fixture by the 'U'-shaped bracket supplied using two ½" diameter bolts. The bolt spacing is 4-7/8".
2. Attach threaded conduit to the ¾ NPT couplings. Conduit must be sufficiently tightened to produce a vapor-tight seal.
3. Unlatch all eight (8) door frame latches and open the door frame. Do not damage the sealing gasket during installation.
4. Lift the flexible wiring cover and attach supply wires to the appropriate terminal block terminals. Make sure that the supply voltage matches the operating voltage of the fixture. Wiring cover does not have to be removed, but may be if necessary. See rating label for the minimum supply wire temperature required.
5. If removed, re-install wiring cover. Otherwise, return it to its original position.
6. Insert proper lamp in the socket and make sure that it is properly seated. If a lamp support is supplied, position the lamp in the support for maximum retention.
7. Inspect the door frame gasket and the sealing flange. Remove any dirt, oils, or dust with a clean, dry, lint-free cloth. If all of the contaminants on the gasket and flange are not removed, then use a damp cloth to clean. Allow sufficient time for the gasket, lens, and flange to completely dry. DO NOT USE HYDROCARBONS TO CLEAN THE GASKET - THIS WILL REDUCE THE GASKET'S INTEGRITY AND WILL VOID WARRANTY.
8. Close door frame and securely close all eight latches.
9. Aim the fixture by loosening the two bolts holding the 'U'-shaped bracket to the housing. Rotate the fixture to the desired direction and then securely tighten both bolts.
10. Apply power to the fixture.

### SAFETY CABLE INSTALLATION

1. Loop the safety cable through one of the top hinge brackets that is welded to the housing. Do not loop around the riveted hinge.
2. Wrap the other end around the support pipe or beam that will be used to secure the fixture in the event it falls.
3. Fasten the clip onto the cable.

## FLOODLIGHT MAINTAINENCE

### COMPONENT/LAMP REPLACEMENT

**WARNING:** Remove power from the fixture AND allow it to cool for at least 30 minutes prior to opening the door for servicing and/or re-lamping. DO NOT re-energize fixture until it has been re-assembled to the manufacturer's original specifications. FAILURE TO COMPLY WITH THIS WARNING MAY CAUSE AN EXPLOSION OR FIRE, RESULTING IN SEVERE INJURY OR DEATH.

**NOTE:** To avoid static buildup, the fixture should be periodically cleaned with a damp cloth. The fixture is provided with an internal grounding means. If external grounding is required, you must provide your own grounding ring.

**CAUTION:** Servicing should be done by a qualified electrician only. Components that are replaced must comply with the manufacturer's specifications. Failure to do so may void the warranty.

Per the lamp manufacturer's requirements, replace lamps prior to or as soon as they reach end of life. Allowing failed lamps to cycle can cause premature component failure. Use the proper ANSI type lamp listed on the product label.

1. Unlatch all eight (8) door frame latches and open the door frame. Do not damage the sealing gasket during re-lamping.
2. Insert proper lamp in the socket and make sure that it is properly seated. If a lamp support is supplied, position the lamp in the support for maximum retention.
3. Inspect the door frame gasket and the sealing flange. Remove any dirt, oils, or dust with a clean, dry, lint-free cloth. If all of the contaminants on the gasket and flange are not removed, then use a damp cloth to clean. Allow sufficient time for the gasket, lens, and flange to completely dry. DO NOT USE HYDROCARBONS TO CLEAN THE GASKET - THIS WILL REDUCE THE GASKET'S INTEGRITY AND WILL VOID WARRANTY.
4. Close door frame and securely close all eight latches.

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.