HAZCOR/PROCOR OPTIMA SERIES, WALL MOUNT
HID LUMINAIRES

Installation & Maintenance Information

SAFETY INSTRUCTIONS FOR FUTURE REFERENCE

CAUTION Read carefully before installing and wiring 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, PARTS 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.

INSTALLATION & ELECTRICAL WIRING

WARNING Risk of electrical shock hazard, only qualified personnel should conduct this procedure! Do not make electrical connections with the power ON. Refer to fixture nameplate for minimum supply wire rating.

1. The mounting holes should be on a 3 11/16" bolt square. Mount the junction box (SC) in its intended location with (4) minimum size 1/4" bolts (not provided).
2. Install conduit or fitting (not provided) into the junction box (SC), tighten to assure a proper seal.
3. Route supply cable thru conduit or fitting.
4. Strip the supply cable(s) jacket (not provided) back approximately 15".
5. Strip the insulation of the supply wires back approximately 3/8".
6. Route the cable thru the junction box gasket (7F) and thru the 90° adapter (5D).
7. Route cable thru housing gasket (7G) and into housing (0A). Align the holes in the housing (0A) with gasket (7G) and 90° adapter (5D). Install bolts (9C) (qty 4) 1/4-20 X 3/4" and washers (9N) in place and tighten to approximately 5 ft-lbs. For aluminum fixtures, apply the lubricant provided to the screw threads.
8. Connect hot (black) lead to terminal block (8C) across from black lead of quick-disconnect (8B). Connect neutral (white) lead to terminal block (8C) across from white lead of quick-disconnect (8B). Connect ground wire to green ground wire (8E) located next to terminal block.
9. Pull excess supply wire out of housing into 90° adapter.
10. Mount door assembly (1A) to door hinge on housing. Connect quick-disconnect from housing (8B) to quick-disconnect on door assembly (8A).
11. Close door and latch.

Verify that the H.I.D. lamp complies with lamp specifications on fixture nameplate.
12. Install the proper wattage lamp (not provided) into the lampholder (4A), making sure the center contact of the lamp seats well into the lampholder.

Connection to power supply shall be made with power off. No live connections. System must be de-energized when making connections. The lamp shall be of proper wattage and mounted into the luminaire per manufacturer's recommendations.

13. Thread the glass globe (1C) clockwise into the base (1B), and tighten firmly by hand until the globe stops and seats well against the internal gasket (7B).
14. Slide wire guard (2A) over globe (1C) and align to mounting studs (6A). Install wing nuts (9K) (qty 4) 1/4-20 in place and tighten firmly by hand.

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.

Spare Parts

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1C</td>
<td>Clear Globe</td>
<td>JNX2020HR</td>
</tr>
<tr>
<td>1C</td>
<td>Fluted Globe</td>
<td>JNX2136</td>
</tr>
<tr>
<td>7B</td>
<td>Globe Gasket</td>
<td>GKT3021-1</td>
</tr>
<tr>
<td>7A</td>
<td>Housing Gasket</td>
<td>GKT6089-41</td>
</tr>
<tr>
<td>2A</td>
<td>Guard</td>
<td>JNX1059</td>
</tr>
<tr>
<td>3A</td>
<td>Angled Reflector</td>
<td>JNX4567</td>
</tr>
<tr>
<td>3A</td>
<td>Shallow Reflector</td>
<td>JNX4568</td>
</tr>
</tbody>
</table>

Mounting Dimensions:
3 11/16"

Option "L" or "N" for Reflector

Assembled View

Cooper Industries Inc.
Cooper Crouse-Hinds Pauluhn
1816 N. Main St., Pearland, TX - USA
Copyright © 2009, Cooper Industries, Inc