HAZCOR/PROCOR OPTIMA SERIES, CEILING MOUNT
HID LUMINAIRES

Installation & Maintenance Information

SAVE THESE 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.

**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. 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 3".
5. Strip the insulation of the supply wires back approximately 3/8".
6. Align the holes in housing (0A) with gasket (7F) and junction box (SC) holes. Install bolts (9C) (qty 4, 1/4-20 X 3/4") and lock washers (9D) in place and tighten to approximately 5 ft/lbs. For aluminum fixtures, apply the lubricant provided to the screw threads.
7. Bring supply wires into housing (0A). 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.
8. Pull excess supply wire out of housing into junction box.
9. Mount door assembly (1A) to door hinge on housing. Connect quick-disconnect (8B) from housing to quick-disconnect (8A) on door assembly.
10. Close door and latch.
11. Install the proper wattage lamp (not provided) into the lampholder (4A), making sure the center contact of the lamp seats well into the lampholder.
12. Replace cracked or damaged globe prior to use.
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.

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**Space 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>INX2008HR</td>
</tr>
<tr>
<td>1C</td>
<td>Fluted Globe</td>
<td>INX3150</td>
</tr>
<tr>
<td>7B</td>
<td>Globe Gasket</td>
<td>G772015</td>
</tr>
<tr>
<td>7A</td>
<td>Housing Gasket</td>
<td>G776090</td>
</tr>
<tr>
<td>2A</td>
<td>Guard</td>
<td>INX1695</td>
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<tr>
<td>3A</td>
<td>Angled Reflector</td>
<td>INX4564</td>
</tr>
<tr>
<td>3A</td>
<td>Shallow Reflector</td>
<td>INX4565</td>
</tr>
</tbody>
</table>

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**Mounting Dimensions**

Option "L" or "N" for Reflector

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