Installation & Maintenance Information

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

**CAUTION**  Read carefully before installing and wiring the luminaires. 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 I, PARTS 110-113. Hazardous area installations should be done in accordance with article 500 and 501 of the NEC. Intended for vertical mounting. Lamp base up only. 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. Use cu or cu clad wire only, rated for 105°C. To reduce risk of ignition of hazardous atmospheres, 3/4 inch conduit runs must have a sealing fitting installed at conduit entry.

1. Make (2) mounting holes at a 45° angle from vertical per illustration below. Mount the junction box (0A) in its intended location with (2) minimum size 1/4" bolts (not provided).
2. Install cable gland(s) (not provided) into the junction box (0A) and assure a proper seal as per the manufacturer's instructions.
3. Strip the supply cable(s) jacket (not provided) back approximately 3".
4. Route cable thru the gland and tighten as per the manufacturer's instructions to create a proper seal on the cable. Attach ground wire to the green screw (9D) in junction box (0A).
5. Strip the insulation of the supply wires back approximately 3/8".
6. Connect incoming black and white supply leads to the screws adjacent to the black and white wires on the terminal block. Tighten screws to approximately 8-10 in-lbs.
7. Align the holes in the 90° adapter (1B) with the gasket (7C) and junction box (0A) holes. Install screws (9F) (qty 4, #10-24) in place and tighten to approx. 12-15 in-lbs. For aluminum fixtures, apply the lubricant provided to the screw threads.

**CAUTION**  Note maximum lamp wattage rating as indicated on the luminaire. Exceeding this can cause overheating, premature failure and be dangerous. The lampholder is rated for a maximum of 600 volts. The voltage of the lamp must correspond with the supply voltage.
8. Install the proper wattage lamp (not provided) into the lampholder, making sure the center contact of the lamp seats well into the lampholder.
9. Thread the glass globe (1A) clockwise into the 90° adapter (1B), and tighten firmly by hand until the globe stops and seats well against the internal gasket.
10. Thread the guard (2A) on clockwise and tighten firmly by hand. Lock in position with set screw (9B). For aluminum fixtures, apply the lubricant provided to the threads of the guard.

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**Spare Parts**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Part Number</th>
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</thead>
<tbody>
<tr>
<td>7C</td>
<td>Junction Box Gasket</td>
<td>GKT30005SL</td>
</tr>
<tr>
<td>-</td>
<td>Globe Gasket</td>
<td>GKT2002Sil</td>
</tr>
<tr>
<td>-</td>
<td>Lampholder</td>
<td>INX4000</td>
</tr>
<tr>
<td>1A</td>
<td>Clear Globe</td>
<td>INX2007CLR</td>
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<tr>
<td>1A</td>
<td>Fluted Globe</td>
<td>INX2142CP</td>
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<tr>
<td>1A</td>
<td>Heat Resistant Globe</td>
<td>INX2007HR</td>
</tr>
<tr>
<td>2A</td>
<td>Marine Brass Guard</td>
<td>INX1037B/SCR</td>
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<tr>
<td>2A</td>
<td>Aluminum Guard</td>
<td>INX1037A/SCR</td>
</tr>
</tbody>
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