Installation & Maintenance Information

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

**CAUTION** Read carefully before installing and wiring the luminaire. Check the ratings to ensure suitability for the area. Must be installed in accordance with the NEC (National Electrical Code) and all other applicable codes. 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. All luminaires must be properly grounded. These luminaires are not suitable for hazardous locations.

These luminaires are provided with one 1/2" NPT entry holes. All holes added should be done by qualified personnel through the thickened areas of the junction box suitable for threading. The junction box can be drilled and tapped a maximum of (4) places, up to a maximum 1/2"NPT. Do not attempt to install this luminaire unless you are familiar with warnings, cautions and procedures outlined in this information sheet.

**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 75°C.

1. The mounting holes should be at a 45° angle from vertical, on a 5 1/8" bolt circle. 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 2". Strip the insulation of ground and supply wires approximately 3/8".
4. Route cable thru the gland and tighten as per the manufacturer's instructions to create a proper seal on the cable.
5. Using connectors, connect ground wire to green wire, connect the hot wire to black and neutral to the white wire.
6. Align the holes in the base (1B) with the gasket (7B) and junction box (0A) holes. Install screws (9B) (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** Use only compact fluorescent lamp to lampholder type and wattage rating indicated on the luminaire. Exceeding this can cause over heating, premature failure and be dangerous.

7. Install the lamp (4A) into the lampholder (4B).
8. Thread the glass globe (1A) clockwise into the base (1B), and tighten firmly by hand until the globe stops and seats well against the internal gasket (7A).
9. Thread the guard (2A) on clockwise and tighten firmly by hand. For aluminum fixtures, apply the lubricant provided to the threads of the guard. (Luminaires with option "PG" plastic globes, the guard (2A) is not provided)

**Spare Parts**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>7B</td>
<td>Junction Box Gasket</td>
<td>GKT3000SIL</td>
</tr>
<tr>
<td>7A</td>
<td>Globe Gasket</td>
<td>GKT2902SIL</td>
</tr>
<tr>
<td>1A</td>
<td>7&quot; Globe</td>
<td>INX200* see note</td>
</tr>
<tr>
<td>2A</td>
<td>7&quot; Guard</td>
<td>INX1037A or B**</td>
</tr>
<tr>
<td>4C</td>
<td>13-32watt CF Ballast</td>
<td>FX5206</td>
</tr>
<tr>
<td>4A</td>
<td>13watt CF Lamp</td>
<td>FX3530</td>
</tr>
<tr>
<td>4A</td>
<td>18watt CF Lamp</td>
<td>FX3552</td>
</tr>
<tr>
<td>4A</td>
<td>26watt CF Lamp</td>
<td>FX3553</td>
</tr>
<tr>
<td>4A</td>
<td>32watt CF Lamp</td>
<td>FX3554</td>
</tr>
</tbody>
</table>

*Add one of the following suffixes to the part number above to obtain the proper globe:

- Clear - CLR  
- Blue - BLU  
- Clear HR - HR  
- Frosted - FST  
- Green - GRN  
- Red - RED  
- Yellow - YEL  

**A = Aluminum  B = Brass**

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.

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