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 or CEC. Intended for vertical mounting. 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. Use cu or cu clad wire only. High voltage are present inside strobe assembly. Wait at least 5 minutes after shutting off the power before servicing.

**INSTALLATION**
1. Install conduit or fitting (not provided) into the junction box (0A), tighten to assure a proper seal and lock in position with set screw (9J).
2. Route supply cable (not provided) thru conduit or fitting (not provided).
3. Strip the supply cable jacket back. Strip the insulation of ground and supply wires.
4. Using connectors, connect ground wire to green wire or green screw (9C).
5. AC units: Using connectors, connect the hot wire to black and the neutral to the white wire.
DC units: Using connectors, connect the positive wire to red wire and the negative wire to black wire.
6. Align the holes in the base (1B) with the gasket (7C) and junction box (0A) holes. Install screws (9D) (qty 4, #10-24) in place and tighten to approx. 12-15 in*lbf.
7. Slide the lens gasket (7A) and lens (1A) into the lens ring (5A) and attach to the base (1B) using screws (9A) (qty 4, #10-24) and tighten to approx. 12-15 in*lbf.

**STROBE MODULE REPLACEMENT (4A)**
1. Remove the 4 screws (9A), lens ring (5A), lens gasket (7A) and lens (1A).
2. Remove the 4 screws (9D) and disconnect both wires from incoming supply wires.
3. Remove Strobe module (4A) from base (1B) by removing the 3 screws (9E) on back of base.
4. (See illustration below) Take new strobe module. Remove printed circuit board assembly by depressing the two snaps tabs inside the housing and lift the board assembly (4C) upwards.
5. Feed supply wires (14 to 18AWG only) through base (1B) and large hole (4D) in bottom of strobe module housing.
6. Strip a maximum of 1/4" of wire insulation from ends of the power leads.

**Note** Be sure to observe polarity on the 12-48 VDC printed circuit board assembly. The terminals are designated by a "+" and "-" on the terminal block for the positive and negative supply leads, respectively.
7. Connect wires to the terminal block (4E) by inserting the stripped ends of the wires into connector as far as they can travel and tighten clamping screw to maximum 5 in*lbf. Make sure power supply lead insulation is flush with connector.
8. To reassemble, snap printed circuit board assembly into housing making sure that the board rests on its mounting platforms. Take care not to pinch supply wires when inserting board.
9. Assemble new strobe module to base (1B) using the 3 screws (9E) in step #3.
10. Reassemble base, lens, lens gasket and lens ring per installation steps #6 & #7 above.

**LAMP REPLACEMENT (4B) (see note below)**
1. Remove the 4 screws (9A), lens ring (5A), lens gasket (7A) and lens (1A).
2. Grasp the lamp by the base (4B) and pull it out of the socket, using a gentle "rocking" motion.
3. Insert new lamp.
4. Slide the lens gasket (7A) and lens (1A) into the lens ring (5A) and attach to the base (1B) using screws (9A) (qty 4, #10-24) and tighten to approx. 12-15 in*lbf.

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**Spare Parts**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>Gasket set</td>
<td>GKT1143</td>
</tr>
<tr>
<td>4B</td>
<td>Xenon Lamp</td>
<td>INX3724</td>
</tr>
<tr>
<td>4A</td>
<td>120v AC Strobe</td>
<td>INX3390</td>
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<tr>
<td>4A</td>
<td>240v AC Strobe</td>
<td>INX3391</td>
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<tr>
<td>4A</td>
<td>12V-48 DC Strobe</td>
<td>INX3392</td>
</tr>
<tr>
<td>2A</td>
<td>Guard INX31004A or B**</td>
<td>INX3391</td>
</tr>
<tr>
<td>1A</td>
<td>Lens INX2058* see note</td>
<td>INX3058</td>
</tr>
</tbody>
</table>

*Add one of the following suffixes to the part number above to obtain the proper globe:
- Clear (CLR) Red (RED) Blue (BLU)
- Green (GRN) Yellow (YEL)
- **A =Aluminum B = Brass

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**Mounting Dimensions**

Note: After extended operation, occasionally check for lamp tube degradation. Should the lamp misfire, have noticeable decrease in light output, glow continuously or darken, replacement is necessary.

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