Installation & Maintenance Information

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

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. Suitable for mounting in any position. 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.
High voltage are present inside strobe assembly. Wait at least 5 minutes after shutting off the power before servicing.

**INSTALLATION**
1. Make (2) mounting holes locations as per illustration below. Mount the junction box (8A) in its intended
location with (2) minimum size 1/4" bolts (not provided).
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 (8A) holes. Install screws (9D)
(4 qty, #10-24) in place and tighten to approx. 12-15 in*lbs.
7. Slide the lens gasket (7A) and lens (1A) into the lens ring (5A) and attach to the base (1B) using screws
(9A) (4 qty, #10-24) and tighten to approx. 12-15 in*lbs.

**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.
**WARNING** 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 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*lbs. Make sure power supply lead insulation is
flush with connector terminals.
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) (4 qty, #10-24) and tighten to approx. 12-15 in*lbs.

**Spare Parts**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Part Number</th>
</tr>
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<tbody>
<tr>
<td>2A</td>
<td>Lens</td>
<td>INX3939</td>
</tr>
<tr>
<td>4B</td>
<td>Xenon Lamp</td>
<td>INX3924</td>
</tr>
<tr>
<td>4A</td>
<td>120V AC Strobe</td>
<td>INX3930</td>
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<tr>
<td>4A</td>
<td>240V AC Strobe</td>
<td>INX3931</td>
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<tr>
<td>4A</td>
<td>12V-48V DC Strobe</td>
<td>INX3932</td>
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<tr>
<td>2A</td>
<td>Guard</td>
<td>INX1004A</td>
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<tr>
<td>1A</td>
<td>Lens</td>
<td>INX2058</td>
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</tbody>
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*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

Mounting Dimensions

Option "GRD" for Guard

Strobe Module Replacement

Note: If luminaire is provided with terminal block, (option T), connect incoming supply leads to the screws
adjacent to the black and white wires (AC units) or red and black wires (DC units) on the terminal block.
After extended operation, occasionally check for lamp tube degradation. Should the lamp mist/haze, have
noticeable decrease in light output, glow continuously or darken, lamp replacement is necessary.

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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.