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. All luminaires must be properly grounded. These luminaires are not suitable for hazardous locations. These luminaires are provided with two 1/2" NPT outlet as standard.

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 (2) places, up to a maximum 3/4" 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 105°C.

1. Make mounting holes locations as per illustration below. Mount the junction box (1B) in its intended location with (2) minimum size #10 screws (not provided).
2. Install cable gland(s) (not provided) into the junction box (1B) and assure a proper seal as per the manufacturer instructions.
3. Strip the supply cable(s) jacket (not provided) back approximately 6".
4. Route cable thru the gland and tighten as per the manufacturer instructions to create a proper seal on the cable. Attach ground wire to the green screw (9C) in junction box (1B).
5. Install gasket (7A) into the junction box (1B) and align the (4) holes to accept the lampholder screws (9B).
6. Strip the insulation of the supply wires back approximately 3/8".
7. On the back of the lampholder (4A), connect the black hot lead(s) to the dark colored screws contacts, connect the white neutral lead(s) to the light colored screw contacts. Tighten screws to approximately 8-10 in/lbs.
8. Install screws (9B) (qty 4, #8-32), passing them thru the lampholder (4A), gasket (7A) and thread into the junction box (1B). Tighten to approximately 10 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 over heating, 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.
9. Install the proper wattage lamp (not provided) into the lampholder, making sure the center contact of the lamp seats well into the lampholder.
10. Thread the glass globe (1A) clockwise into the junction box (1B), and tighten firmly by hand until the globe stops and seats well against the internal gasket (7A).
11. 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)

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<table>
<thead>
<tr>
<th>Item #</th>
<th>Description</th>
<th>Part Number</th>
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</thead>
<tbody>
<tr>
<td>7A</td>
<td>Globe Gasket</td>
<td>GKT2002SIL</td>
</tr>
<tr>
<td>4A</td>
<td>Lampholder</td>
<td>INX4000</td>
</tr>
<tr>
<td>1A</td>
<td>100 watt 6&quot; Globe</td>
<td>INX2006* see note</td>
</tr>
<tr>
<td>1A</td>
<td>150 watt 7&quot; Globe</td>
<td>INX2007* see note</td>
</tr>
<tr>
<td>2A</td>
<td>100 watt 6&quot; Guard</td>
<td>INX1036A or B**</td>
</tr>
<tr>
<td>2A</td>
<td>150 watt 7&quot; Guard</td>
<td>INX1037A or B**</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

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Mounting Dimensions
Option "SP" for shock proof lamp holder
Option "P" for porcelain lamp holder

Note: If provided with option "K" for a double pole switch, connect the black and white supply leads to the 2 leads on one side of the switch. Connect the 2 leads on the other side of the switch to the lampholder contacts as per step 7 above.

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