Installation & Maintenance Information

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

CAUTION Read carefully before installing and wiring the luminaire. Check the ratings to insure 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 not typically provided with cable entry holes.

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. 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 10".
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 (9E) in junction box (0A).
5. Route the cable thru the junction box gasket (7B) and thru the base (1B). Align the holes in the base 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.
6. Install gasket (7A) into the base (1B) and align the (4) holes to accept the lampholder screws (9C).
7. Strip the insulation of the supply wires back approximately 3/8".
8. 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 6-10 in/lbs.
9. Install screws (9C) (qty 4, #8-32), passing them thru the lampholder (4A), gasket (7A) and thread into the base (1B). Tighten to approximately 10 in/lbs. For aluminum fixtures, apply the lubricant provided to the screw threads.
10. Thread reflector (3A) clockwise into the base (1B), and tighten firmly by hand. 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.
11. Install the proper wattage lamp (not provided) into the lampholder, making sure the center contact of the lamp seats well into the lampholder.
12. 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).
13. 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)

**Note:** 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"NPT. Do not attempt to install this luminaire unless you are familiar with warnings, cautions and procedures outlined in this information sheet.

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**Spares 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>GKT2000SIL</td>
</tr>
<tr>
<td>4A</td>
<td>Lampholder</td>
<td>INX4400</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>
<tr>
<td>3A</td>
<td>Reflector Shallow Dome</td>
<td>INX4544</td>
</tr>
<tr>
<td>3A</td>
<td>Reflector Angle Dome</td>
<td>INX4539A 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 lampholder

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