**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 15".

4. Route cable thru the gland and tighten as per the manufacturers instructions to create a proper seal on the cable. Attach ground wire to the green screw (9D) in junction box (0A).

5. Route the cable thru the junction box gasket (7B) and thru the 90° adapter (1B). Align the holes in the 90° adapter 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 90° adapter (1B) and align the (4) holes to accept the lampholder screws.

7. Strip the insulation of the supply wires back approximately 3/8".

8. On the back of the lampholder (4B), 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.

9. Install screws (9C) (qty 4, #8-32), passing them thru the lampholder (4B), gasket (7A) and thread into the 90° adapter (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.

10. Install the proper wattage lamp (not provided) into the lampholder, making sure the center contact of the lamp seats well into the lampholder.

11. Thread the glass globe (1A) clockwise into the 90° adapter (1B), and tighten firmly by hand until the globe stops and seats well against the internal gasket.

12. Thread the guard (2A) on clockwise and tighten firmly by hand. For aluminum fixtures, apply the lubricant provided to the threads of the guard. (Luminaire with option "PG" plastic globes, the guard (2A) is not provided)

### Spare Parts Table

<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>GKT30005IL</td>
</tr>
<tr>
<td>7A</td>
<td>Globe Gasket</td>
<td>GKT20025IL</td>
</tr>
<tr>
<td>4B</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

**Note:** If luminaire is provided with terminal block, (option T or T6), connect incoming black and white supply leads to the screws adjacent to the black and white wires on the terminal block. Connect the black and white wires from the terminal block to the back of the lampholder as per step 8 above. 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 8 above.