Remote Power Supply (RPS)

1. Use framing or brackets to install Masonry Box housing as shown, in a location convenient for access to battery and power supply. Align top edge flange flush with finished panel surface. See Table 1 to estimate wire size required based on maximum wiring length for low voltage output wiring from RPS to the fixture.

2. INPUT WIRING: Connect 120/277 AC input wiring to building supply with wire nuts, and connect GROUND to Housing with Screw mount.

3. (OPTIONAL) DUAL AC INPUT: Connect 120/277 AC emergency input wiring with wire nuts.

4. OUTPUT LOW VOLTAGE WIRING: Connect output wiring to fixture. See Table 1 for minimum wire size based on distance to fixture. Example using #20 AWG, max distance is 100 ft. Route two conductors from the RPS to the fixture location. See Pg 2 for connection to fixture. MAINTAIN YELLOW & BLUE COLOR CODES

5. Turn AC power ON after fixture is connected and check lamp operation.

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**TABLE 1**

<table>
<thead>
<tr>
<th>WIRING SIZE AWG</th>
<th>LENGTH (FT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>#20</td>
<td>100</td>
</tr>
<tr>
<td>#18</td>
<td>170</td>
</tr>
<tr>
<td>#16</td>
<td>430</td>
</tr>
</tbody>
</table>

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**IMPORTANT SAFEGUARDS**

1. Disconnect AC power before servicing.
2. Refer to wiring diagram for proper connections.
3. All servicing should be performed by qualified personnel.
4. Consult your local building code for approved wiring and installation.
5. Do not use this equipment for other than intended use.
6. Do not let power cords touch hot surfaces.
7. Mount and secure the fixture at a location and height to avoid ready access and tampering by unauthorized persons.
8. The use of accessory equipment is not recommended by the manufacturer and may cause an unsafe condition.
9. Suitable for wet locations. See product label for temperature limitations.

**SAVE THESE INSTRUCTIONS**
**Fixture Assembly**

1. See Fig 1. Drill 7/8” dia access hole in the mullion beam at center of fixture location, together with screw mount holes as shown. Route low voltage supply wiring through mullion, through Gasket (3) and Base (1). Position Base (set screws on upper edge), and attach base to mullion with two #8-32 screws. Check that gasket is even with base and properly seated, and tighten screws evenly.

2. Attach lamp plug connector pigtail to supply wiring with wire nuts. MAINTAIN COLOR CODES AT CONNECTOR.

3. Carefully insert wire nuts through gasket into mullion, avoiding damage to edges of gasket, to maintain a watertight seal.

4. Connect Lamp Plug to pigtail connector and carefully insert the plug assembly through the gasket entrance hole. Line up and place Housing into position on the base, hold in place and tighten two #6-32 set screws to lock.

5. Turn AC power ON at the RPS, to check operation.