GENERAL
This electronic, Class 2, power supply is to be installed indoors in accordance with Articles 450 & 725 of the National Electric code (NEC) and local ordinances. Proper operation requires free air convection when installed. A qualified electrician should install this hardwired power supply.

PRECAUTIONS BEFORE INSTALLING
Check the label and ensure the electronic transformer has the proper input voltage, output voltage and wattage for the job. Check the wire markings to ensure they match the wiring diagram on this instruction sheet.

LOADING
Recommended minimum 10W loading for optimal performance. The minimum dimming level is around 10% to 20%. May vary with dimmer model and loading.

MOUNTING
Select a suitable location capable of supporting the weight of the power supply.

INPUT CONNECTIONS/GROUNDING
Use black for hot, white for neutral to connect electronic transformer to 120V power.

OUTPUT CONNECTIONS
Connect the LED positive (+) wire to red wire from electronic transformer. Connect the LED negative (-) wire to blue wire from electronic transformer.

QUICK SPECS

<table>
<thead>
<tr>
<th>Model</th>
<th>LD-EDM-60-12</th>
<th>LD-EDM-60-24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage</td>
<td>120VAC, 50/60Hz</td>
<td>12VDC</td>
</tr>
<tr>
<td>Output Voltage</td>
<td>12VDC</td>
<td>60W</td>
</tr>
<tr>
<td>Maximum Load</td>
<td>-22 ~ 104°F (-30 ~ +40°C)</td>
<td>Dry and damp location</td>
</tr>
</tbody>
</table>

INPUT VOLTAGE NOTE!
The power supply label will indicate the input voltage: 120VAC only. ENSURE to power the power supply with the correct voltage!
**WIRING DIAGRAMS**

The following diagrams are provided as example system designs. Install in accordance with national and local electrical code regulations.

Install a compatible electronic low voltage dimmer switch. See dimmer switch manufacturer installation guide for complete wiring instructions.

![Wiring Diagram](image)

**Troubleshooting**

<table>
<thead>
<tr>
<th>Issue</th>
<th>Solution</th>
</tr>
</thead>
</table>
| Fixture does not illuminate | - See ‘Wiring Diagrams’ and installation guides of all components.  
- Ensure the system is wired correctly and polarities are correct.  
- Ensure the power supply and fixture have the same voltage specifications (12V & 12V or 24V & 24V). |
| Fixture is flashing or flickering | - Ensure all connections are properly secured.  
- If flickering happens at minimum dimming, adjust bottom level of dimmer.  
- If a short flashing happens during startup, adjust bottom level of dimmer.  
- Ensure the minimum loading are connected.  
- Ensure a compatible dimming control is installed and wired correctly. |
| Fixture does not dim | - Ensure a compatible constant voltage dimmable fixture is installed.  
- Ensure a compatible dimming control is installed and wired correctly. |
| Different fixture types do not dim in sync | - Different fixture types have different circuit designs and may react differently when dimmed. Ensure each fixture type is installed on a separate dimmable power supply for best performance. |
| Installation Trips Main Breaker | - Check wiring for short circuit. If breaker continues to trip there may be a short in the power supply. Call customer support for a replacement power supply.  
- Check AFCI for faults.  
- Check for neutral or ground faults. |
**DIMMABLE COMPATIBILITY LIST**

<table>
<thead>
<tr>
<th>Dimmer</th>
<th>LD-EDM-60-12</th>
<th>LD-EDM-60-24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lutron MACL-153M</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Leviton DSE06-10Z</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Lutron MA-PRO *1,2,3</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Legrand RH703 *1,3</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

**Dimmer Notes:**
Recommended settings for optimal dimming performance.
*1 Adjust low end trim to improve dimmed output performance as needed.
*2 Adjust high end trim to improve high output performance as needed.
*3 Adjust phase dimming to Auto or ELV to improve overall dimming.

Performance of the Dimmers may vary within the same series or with different LED load types. Other dimmers may be compatible. Compatibility List may change without prior notice.

The 12/24VDC electronic transformer may have humming noise when connected to triac or MLV / front phase dimmer.