WARNING!  ALWAYS TURN OFF MAIN POWER BEFORE INSTALLING & SERVICING!
Ensure to read all Safety and Installation Instructions thoroughly!

IMPORTANT SAFETY INSTRUCTIONS

1. Read all instructions.
2. Install in accordance with national and local electrical code regulations.
3. This product is intended to be installed and serviced by a qualified, licensed electrician.
4. Only install with a Class 2 24V DC LED driver. This product has not been evaluated for use when connected to an LED driver that does not comply with Class 2 voltage and energy limited supplies.
5. Only use copper wiring. Use wires rated for at least 176°F (80°C) and certified for use with external connection of electrical equipment.
6. Inadequate wire installation could overheat wires, and cause a fire. Install applicable wire between driver, fixture, and any controls in between. When choosing wire, factor in voltage drop, amperage rating, and type (in-wall rated, etc.)
7. Do not conceal or extend exposed conductors through a building wall. Power feeds and additional extension cables/ connectors are not rated for in-wall installation. Wire leads are field-cuttable.
8. Not for closet installations.
9. Do not install outdoors or in wet locations. For indoor and dry use only.
10. To reduce the risk of fire and overheating, make sure all connections are tight.
11. Do not install any luminaire closer than 6 inches (15.25cm) from any curtain, or similar combustible materials.
12. Turn off electrical power before modifying the lighting system in any way.

SAVE THESE INSTRUCTIONS

QUICK SPECS

<table>
<thead>
<tr>
<th>SKU</th>
<th>Length</th>
<th>Power</th>
<th>Input</th>
<th>Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>DI-24V-ES30-SV</td>
<td>49 in.</td>
<td>69W</td>
<td>24V DC</td>
<td>Dry / Indoor</td>
</tr>
<tr>
<td>DI-24V-ES30-BL</td>
<td>49 in.</td>
<td>69W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DI-24V-ES40-SV</td>
<td>49 in.</td>
<td>69W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DI-24V-ES40-BL</td>
<td>49 in.</td>
<td>69W</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SUPPLIED ACCESSORIES

EMERY™ Ensemble Suspended Linear LED Fixture: DI-24V-ES**

A. (1x) EMERY™ Ensemble Suspended Linear LED Fixture
B. (2x) Mounting Hardware
C. (1x) Canopy Junction Box
D. (1x) End-To-End Connector

WIRE GAUGE & VOLTAGE DROP

Ensure applicable wire is installed between driver, fixture, and any controls in between. When choosing wire, factor in voltage drop, amperage rating, and type (in-wall rated, wet location rated, etc.)

CONFIGURE SYSTEM AND TEST CONNECTION.

Prior to mounting, attach system to Class 2 LED Driver, turn on power and test connection to ensure system is operating properly. Turn off power again before mounting.
**INSTALLATION CONT.**

4. **A. MOUNT PLATE TO 3.0” - 4.0” ROUND JUNCTION BOX**

   ![Diagram of mounting plate](image)

   Red + Black -

4. **B. ATTACH CANOPY TO MOUNTING PLATE**

   ![Diagram of canopy attachment](image)

   Red + Black -

**CONNECT POWER SUPPLY TO FIXTURE**

Connect EMERY™ Ensemble Suspended Linear LED Fixture to driver using the Red/Black Wires.

![Diagram of power supply connection](image)

24V Class 2 Driver.

**CONNECT MULTIPLE FIXTURES TOGETHER**

Using the included non-conductive connector, attach two fixtures end-to-end.

![Diagram of multiple fixtures connection](image)
INSTALLATION CONT.

7 TURN POWER ON AT CIRCUIT BREAKER.

SYSTEM WORKING IMPROPERLY?
Turn power OFF at circuit breaker and verify all connections. Review SYSTEM DIAGRAMS and TROUBLESHOOTING or call Diode LED Technical Support at 877.817.6028.

SYSTEM DIAGRAMS
The following diagrams are examples of the most popular EMERY™ Ensemble system configurations and are provided below as sample system designs. Install in accordance with NEC and local regulations.

24V CONSTANT VOLTAGE DRIVER

24V OMNIDRIVE DIMMABLE DRIVER

SWITCHEX DIMMER & DRIVER

PLUG-IN ADAPTER
TROUBLESHOOTING

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Common Cause</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixture does not illuminate</td>
<td>• Circuit breaker is OFF or tripped.</td>
</tr>
<tr>
<td></td>
<td>• Incorrect wiring. Polarity of Low Voltage V+ and V- are reversed. Check connection at every connection point to ensure polarity is not reversed.</td>
</tr>
<tr>
<td></td>
<td>• Incorrect voltage pairing of LED driver and fixture. 12V driver models will not power a fixture with a higher voltage rating.</td>
</tr>
<tr>
<td>Fixture flickers randomly, may</td>
<td>• Connection is not secure. Check all hard-wired connections.</td>
</tr>
<tr>
<td>shut off</td>
<td></td>
</tr>
<tr>
<td>Fixture turns on/off repeatedly</td>
<td>• Driver is overloaded or overheated. An overloaded/overheated driver will trip the internal auto-reset (of driver) repeatedly, turning the system on/off.</td>
</tr>
</tbody>
</table>

ADDITIONAL RESOURCES

Visit the on-line product page at www.DiodeLED.com for full product specifications, installation guides, and warranty information.

EMERY™ ENSEMBLE SUSPENDED LINEAR LED FIXTURE SPECIFICATION SHEET

For full product specifications and warranty information.

LED DRIVER SPECIFICATION SHEETS / INSTALL GUIDES

For full product specifications and warranty information.