

**Before you begin, read all warnings and installation instructions thoroughly.**

### Safety & Warnings

- Install in accordance with the National Electric Code, and local regulations.
- This product is intended to be installed and serviced by a qualified, licensed electrician.
- Install only with a Class 2 LED driver. Only use copper wiring.
- This product is not dimmable. Attaching to a dimming control will damage the fixture and void the product warranty.
- Proper heat dissipation will prolong the working lifespan of this product. Install in a well-ventilated area free from explosive gases and vapors.
- This product is rated for indoor/dry locations and is not protected against moisture.
- 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.). Inadequate wire installation could overheat wires, and cause a fire.
- Do not install if product has any visible damage.
- Do not modify or disassemble this product beyond instructions or the warranty will be void.

### Quick Specs

<b>Input Voltage</b>	24VDC Constant Voltage
<b>Power Consumption</b>	12 in. Fixture: 9.4W / 390mA 24 in. Fixture: 18.8W / 785mA
<b>Max Run <sup>1</sup></b>	12 in. Fixture: 9 Fixtures 24 in. Fixture: 4 Fixtures
<b>Ambient Temperature <sup>2</sup></b>	-4°F ~ 158°F (-20°C ~ 70°C)

**Note <sup>1</sup>** Each max run requires a dedicated power feed from the driver. If combining fixtures of different lengths, do not exceed 90W in series.  
**Note <sup>2</sup>** Do not install product in an environment outside the listed ambient temperature.

### Included Models

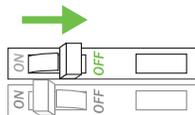
<b>Indoor/Dry Location Models</b>	
DI-24V-EQUI-6500-12-1055 DI-24V-EQUI-6500-24-1055	

### Installation

Prior to installation, ensure all components are a compatible system. Configure and pre-test your LED system prior to permanent installation to ensure all components are operating correctly. Install in accordance with the NEC and local regulations.

- 1** Turn OFF High Voltage AC Power at the main breaker.

**WARNING** Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing this product.

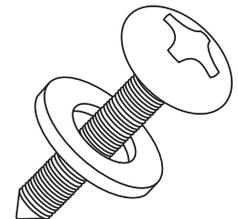


- 2** Mount EQUIFLUX fixture to graphics panel using pop-in fasteners (included), compression screws (included) or alternative hardware.



- 2** Cont.

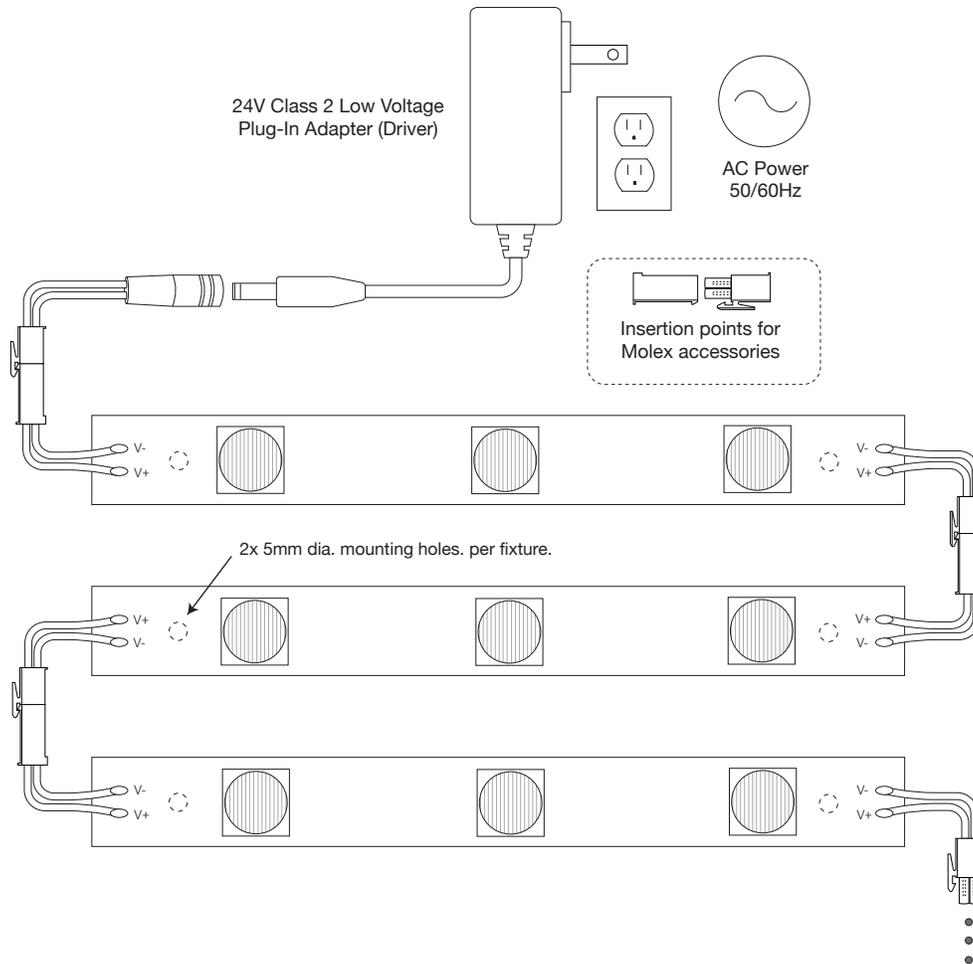
**WARNING!**  
When mounting with compression screws or alternative hardware, utilize included nylon washers (included) to prevent screw heads from short-circuiting and damaging EQUIFLUX luminaire.



- 3** Attach EQUIFLUX fixtures in series, utilizing male and female Molex connections. Do not exceed 90W in series.
- 4** Attach 'DC to Female Molex Adapter' between first fixture and adapter, then plug adapter into 120VAC electrical receptacle. See 'System Diagram' for an example system design.

### System Diagram

The following diagram is provided as an example system design. Always review each component installation guide for detailed and up-to-date wiring instructions. Install in accordance with NEC and local regulations.



### Troubleshooting

<b>Fixture does not illuminate</b>	<ul style="list-style-type: none"> <li>• See 'System Diagram'. Ensure the system is wired correctly and polarities are correct.</li> <li>• Ensure a compatible 24VDC constant voltage driver is installed.</li> </ul>
<b>Fixture is slowly flashing</b>	<ul style="list-style-type: none"> <li>• Ensure driver is not overloaded. An overloaded driver will cause the internal auto-reset to trip repeatedly.</li> </ul>
<b>Some LEDs are not functional</b>	<ul style="list-style-type: none"> <li>• Ensure fixture has not been bent excessively, causing components and solder to detach from circuit board.</li> </ul>
<b>Lights are flickering</b>	<ul style="list-style-type: none"> <li>• Ensure no dimmer is installed. If lights continue to flicker, check for loose connections.</li> </ul>

## QUESTIONS?

Visit [www.DiodeLED.com](http://www.DiodeLED.com) or contact Customer Support at [info@diodeled.com](mailto:info@diodeled.com) or 1.877.817.6028 Monday through Friday, 7:00am- 5:00pm PST.