

Important: Read all instructions prior to installation.

5-in-1 Dimmable LED Driver



Specifications

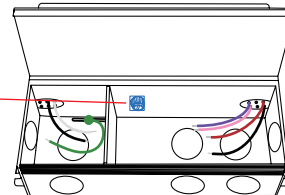
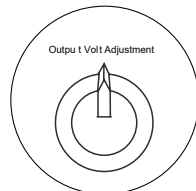
Environmental Specifications	
Operating Temperature	-40°–140° F (-40°–60° C)
NEMA Rating	4X
Environmental Rating	Suitable for wet locations

Check product label for specific electrical specifications related to installation.
Improper installation will void warranty.

Safety and Notes

- Product should be installed and serviced by a certified electrician in accordance with applicable national, state, and local building and electrical codes.
- To reduce the risk of electric shock, ensure that the main power source and circuit breakers are switched off before performing any installation or wiring procedures.
- Ensure all mounts are securely attached and will support the weight of the power supply. Failure to properly support may result in damage or injury, for which the manufacturer does not assume responsibility.
- Installation of over-voltage protection and surge protection devices in the power supply circuit of lamps is recommended to ensure safety during use.
- When adjusting the output current of the power supply, please ensure that the total output power does not exceed the rated Max. power as this will void the warranty.
- Do not install in completely sealed enclosures. Enclosures must be ventilated with holes to allow air passage.
- Driver must be mounted with a 5" gap of free-flow air space for proper ventilation. Never mount above heat radiated objects.
- Suitable for wet locations. Do not expose to corrosive gas or liquids.
- **Ensure the installation of the power supply complies with all driver specifications.**

Output Voltage Adjust



Fine Tuning the Output Voltage

See below:
12V Output: 9V-13V
24V Output: 17V-25V
48V Output: 36V-49V
(Output varies by model)

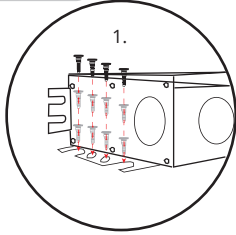
Installation

1. Install the driver firmly onto the lamp bracket with suitable screws.
2. Make all wiring connections and briefly apply power to test for proper function.
Once proper operation is confirmed, remove power again and complete installation.
3. Ensure heat dissipation is appropriately addressed within the fixture and that all wiring connections are airtight and waterproof.
Only after these requirements are sufficiently met can the driver be operated.
4. If any event occurs, such as tripping or irregular operation, disconnect the power main and the connection to the luminaire before investigating the problem. If the driver is found to be defective, please get in touch with customer support for resolution.

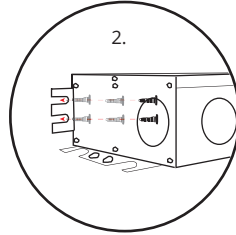
Important: Read all instructions prior to installation.

5-in-1 Dimmable LED Driver

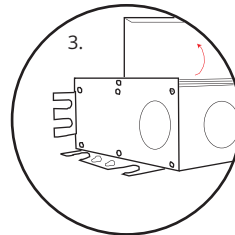
Installation



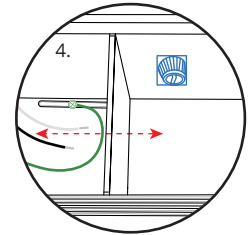
Vertical mounting



Horizontal mounting

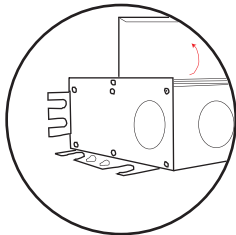


Rotary flap without screws structure

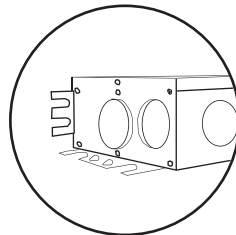


Mobile baffle, strong and weak electric isolation, flexible adjustment of strong and weak electric space size.

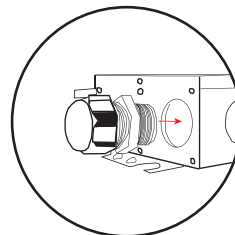
Connection Preparation



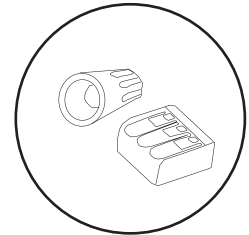
Open face cover



Remove the desired knockouts for both input and output

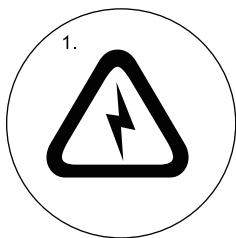


Use the appropriate sized wire gauge and connectors. (Not included)

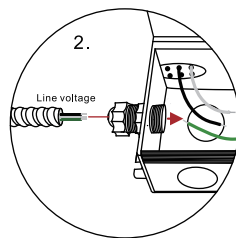


Only use certified components in accordance with national and local electric codes.

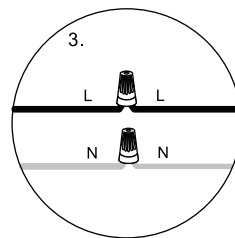
Input Connections & Grounding



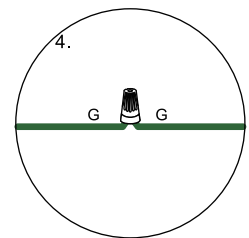
Ensure power is disconnected at the source



Route line voltage input wires and ground wire through strain relief and knockout.

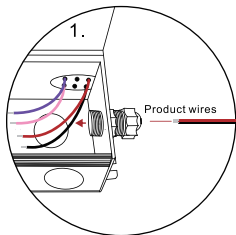


Connect black input wire (L) and input wire (N) to line voltage.

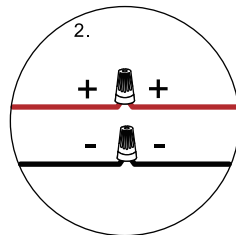


Connect green wire (ground) to input ground wire.

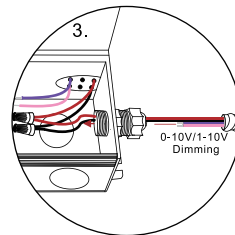
Output Connections



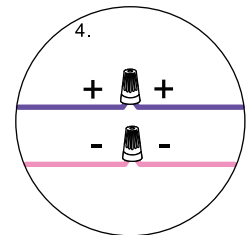
Route low voltage product wires through strain relief and knockout.



Securely connect driver's black wire (-) and red wire (+) to low voltage product, matching polarity.



If available, route 0-10V/1-10V dimming wires through strain relief and knockout.




Connect pink wire (-) and purple wire (+) to dimmer, matching polarity. Secure wire compartment cover when completed.

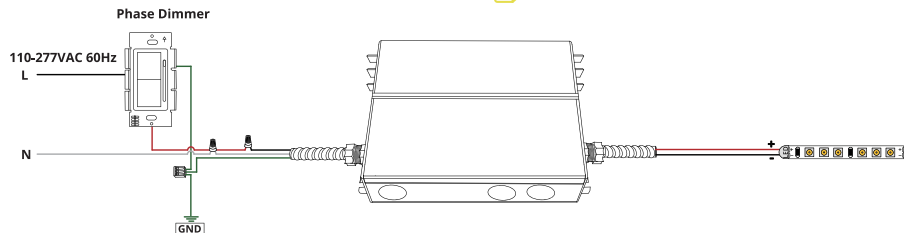
Important: Read all instructions prior to installation.

5-in-1 Dimmable LED Driver

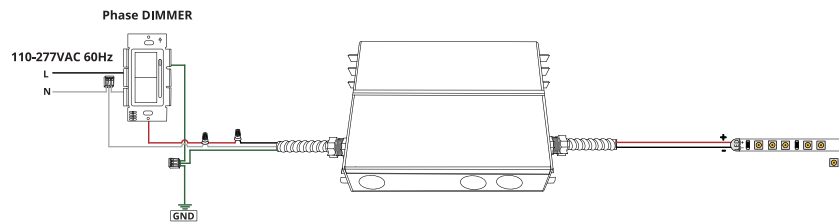
Wiring

A. MLV TRIAC (Leading Edge) Dimmer Wiring Diagram

 The Minimum load 10-100%

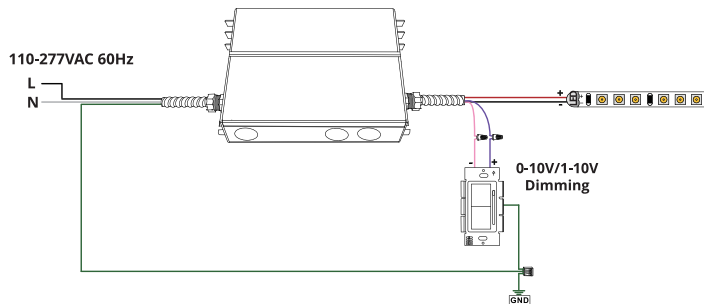


B. Electronic Low Voltage (ELV) Dimmer Wiring Diagram



C. 0-10V/1-10V Dimmer Wiring Diagram

(The driver is independently connected to the input.)



D. 0-10V/1-10V Dimmer Wiring Diagram

(The driver input is connected to the dimmer.)

