



IMPORTANT SAFEGUARDS READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

When using electrical equipment, basic safety precautions should always be followed including the following:

- **DISCONNECT AC POWER SUPPLY BEFORE SERVICING.**
- Installation and servicing of this equipment should be performed by qualified service personnel only.
- Ensure that the electrical wiring conforms to the National Electrical Code NEC® and local regulations if applicable.
- Do not mount near gas or electrical heaters.
- Equipment should be mounted in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Any modification or use of non-original components will void the warranty and product liability.
- Do not use this equipment for other than intended use.

SAVE THESE INSTRUCTIONS!

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Precautions Before Installing

Check the label and ensure the driver has the proper input voltage and wattage for the job. Check the wire markings to ensure they match the wiring diagram on the **Electrical Connections** section on next page.

Fig. 1

Quick Specs

Input Voltage	120-277V AC
Output Voltage	24V DC
Max. Ambient Temp.	-25° C to 40° C (-13°F - 104°F)
Enclosure	Dry and Damp
Certifications	UL8750, UL2043 Plenum Rated
Min. Install. Space Between Drivers	5"

Mounting

1. Select a suitable location capable of supporting the weight of the driver.
2. Use the mounting key holes on both ends when mounting.

NOTE: It is recommended that the driver be mounted vertically, with the wiring compartment pointing down. Recommended spacing between drivers is 5".

Input Connections / Grounding

1. Remove the input wiring compartment cover plate.
2. Remove knockouts and install wire strain reliefs.
3. With power turned off, route the input wires through a strain relief and connect one wire to black and one wire to white. Connect the ground wire to the transformer green wire. See **Electrical Connections** section on next page.
4. Replace the input wiring compartment cover plate.

NOTE: For all wire connections, use only UL listed wire nuts and connectors of suitable size and type.

Output Connections

1. Remove the output wiring compartment cover plate.
2. Remove knockouts and install wire strain reliefs.
3. Bring the wires of the light fixture through the other strain relief and connect them to the driver wires - positive to the red (+) wire and negative to blue (-) wire. See **Electrical Connections** section on next page.
4. Replace the output wiring compartment cover plate.

NOTE: Measuring the output voltage without a load will result in readings greater than the nominal voltage.

Dimming

1. Turn power off to the unit.

2. Route the 0-10V wires and make connections according to the **Electrical Connections** section below. (Fig. 2)

NOTE: For all wire connections, use only UL listed wire nuts and connectors of suitable size and type.

Dimmable Models		Non-Dimmable Models	
CVD30L12	CVD60R24	CVN30L24	CVN60L48
CVD30R12	CVD60L48	CVN30R24	CVN60R48
CVD30L24	CVD60R48	CVN30L48	CVN96L24
CVD30R24	CVD96L24	CVN30R48	CVN96L36
CVD30L48	CVD96R24	CVN50L12	CVN96L48
CVD30R48	CVD96L36	CVN50R12	CVN96R24
CVD50L12	CVD96R36	CVN60L24	CVN96R36
CVD50R12	CVD96L48	CVN60R24	CVN96R48
CVD60L24	CVD96R48		

Electrical Connections

Make electrical connections as follows:

Fig. 2 (0-10V Dimmable Model)

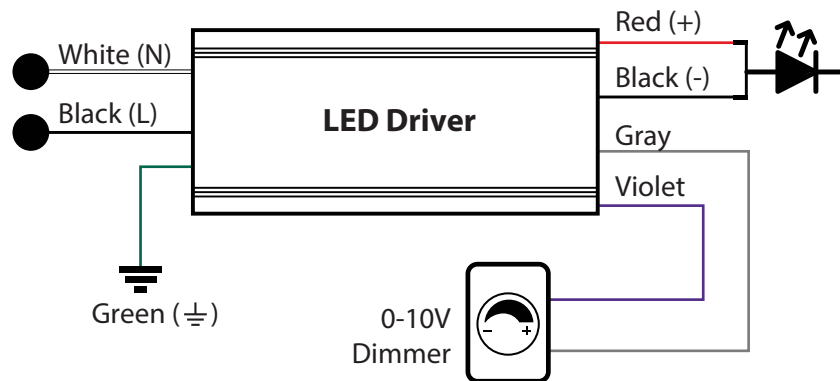


Fig. 3 (Non-Dimmable Model)

