

Compatible with P/N: CVD96x48DC

SOLIDRIVE

CONSTANT VOLTAGE 0-10V DIMMABLE LED DRIVER INSTALLATION GUIDE

BEFORE YOU BEGIN

This driver is to be installed in accordance with Article 450 of the National Electric Code. The driver must be installed in a well-ventilated area free from explosive gases and vapors. Proper operation requires for free flow of air. As this driver is hardwired it should only be installed by a qualified electrician.

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 this installation guide.
- If the product has any visible damage do not install it.

Mounting

Select a suitable location capable of supporting the weight of the driver. Use the keyholes in the driver case.

Input Connections / Grounding

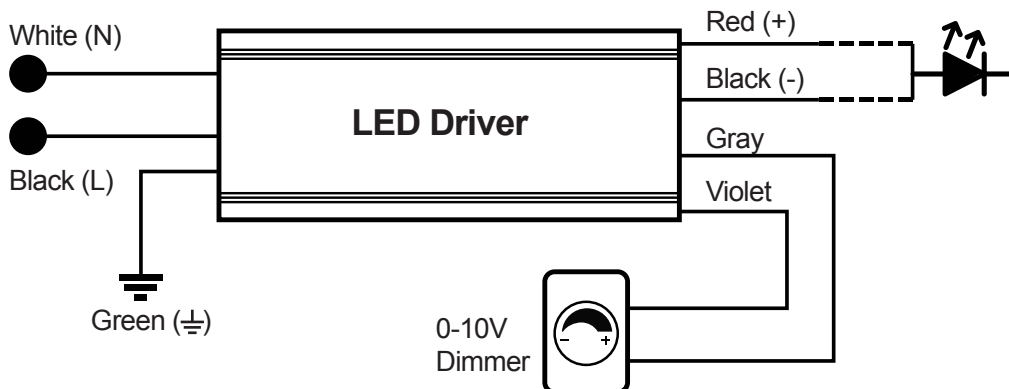
First, remove the input wiring cover and install the clamp connectors. With power turned off, route the input wires and make connections according to the wiring diagram below. For all wire connections use only UL listed wire nuts and connectors of suitable size and type. The driver MUST be grounded in accordance with the N.E.C.

Output Connections

First, remove the output wiring cover and install the clamp connectors. With power turned off, route the light fixture wires and make connections according to the wiring diagram below.

0-10V Dimming

With power turned off, route the 0-10V wires and make connections according to the wiring diagram below. For all wire connections use only UL listed wire nuts and connectors of suitable size and type.



Compatible 0-10V Dimmer list

| Dimmers | Part Number |
|----------------------|-----------------------|
| Lutron | Diva - DDTV |
| Lutron | Diva - NFTV |
| Lutron | Nova T - NTFTV |
| Leviton | illumatech - IP7 |
| Watt Stopper | DCLV1 |
| Light Olier Controls | ZP600FAM120 |
| Phillips | Sunrise - SR1200ZTUNV |

If you need to quickly calculate the drop voltage

Magnigauge - The Ultimate Drop Voltage Calculator Free App suitable for Apple and Android Devices go to

www.magnitudeinc.com/service-support/voltage-drop-app/



Quick Specs

| | |
|-------------------------------|--------------------|
| Input Voltage Range | 120 - 277VAC ± 10% |
| Input Frequency | 50 / 60Hz |
| Output Voltage | 48V DC |
| Operating Ambient Temperature | -25°C - 40°C |
| Env. Protection Rating | IP65 |