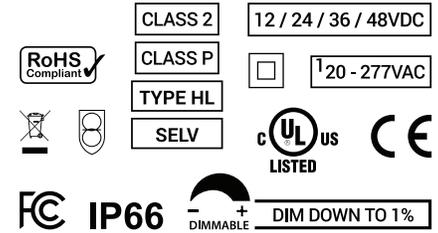


SOLIDRIVE Installation Guide

120-277VAC / 12/24/36/48VDC



| 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 | | |

Quick Specs

| | |
|-------------------------------------|---------------------------------|
| Input Voltage | 120-277V AC |
| Output Voltage | 12/24/36/48V 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" |

General

This driver is to be installed in accordance with Article 450 of the National Electric Code (NEC). The driver must be installed in a well-ventilated area, free from explosive gases and vapors. Proper operation requires for free flow of air. This driver 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 the installation guide, below.

Input Connections/Grounding

1. Remove the input wiring compartment cover plate. Remove knockouts and install wire strain reliefs.
2. With power turned off, route the input wires through a strain relief and connect one wire to black and one wire to white. For all wire connections, use only UL listed wire nuts and connectors of suitable size and type. Connect the ground wire to the transformer green wire.

Mounting

Select a suitable location capable of supporting the weight of the driver. Use the mounting key holes on both ends when mounting. It is recommended that the driver be mounted vertically, with the wiring compartment pointing down. Recommended spacing between drivers is 5".

Dimming

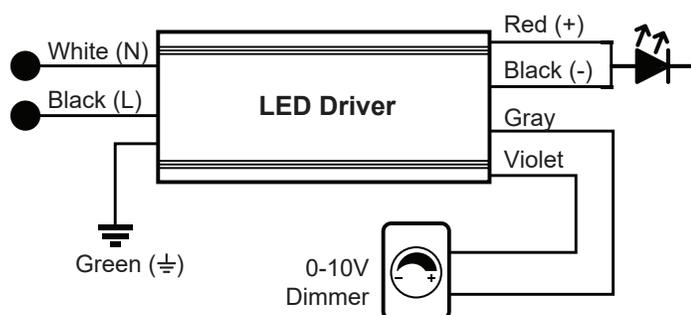
With power turned off, route the 0-10V wires and make connections according to the wiring diagram below. For all wire connections use only UL listed wire nuts and connectors of suitable size and type.

Output Connections

Bring the wires of the light fixture through the other clamp connector and connect them to the driver wires - positive to the red (+) wire and negative to blue (-) wire. Measuring the output voltage without a load will result in readings greater than the nominal voltage.

Wiring Diagrams

0-10V Dimmable Model



Non-Dimmable Model

