MAGNITUDE LIGHTING

c UL us LISTED E465183 | CLASS P | RoHS Compliant ✓ | DIMMABLE − + | 12V DC
CLASS 2 | IP65 | 120-277V

Compatible with P/N: CVD50x12DC

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 - DVTV
Lutron	Diva - NFTV
Lutron	Nova T - NTFTV
Leviton	illumaTech - IP7
Watt Stopper	DCLV1
Light Olier Controls	ZP600FAM120
Phillips	Sunrise - SR1200ZTUNV

Quick Specs

Input Voltage Range	120 - 277VAC ± 10%
Input Frequency	50 / 60Hz
Output Voltage	12V DC
Operating Ambient Temperature	-25ºc - 40ºc
Env. Protection Rating	IP65