PROJECT: NOTES:

MAGNITUDE LIGHTING
WE DRIVE LIGHT

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VersaDrive Aux Out 96 & 300W Installation Guide

For Models

VAU96L24DC VAU300L24DC
VAU96L24DC-AWN VAU300L24DC-AWN

Quick Specs	
Input Voltage Range	120 to 277VAC ± 10%; 50/60Hz
Maximum Load	96 or 300W
Output Voltage	24VDC
Dimming Method(s)	Phase-Cut (120V), 0-10V (120-277VAC)
Operating Temp.	-40°C to 50°C / (-40°F to 125°F)
Enclosure	IP65, NEMA 3R rated
Certifications	UL8750, CSA C22.2 NO. 250.13-20

BEFORE YOU BEGIN

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. Since this driver is hardwired, it should only be installed by a qualified electrician.

Precautions Before Installation

- Check the label and ensure the driver has proper input voltage and wattage for the job
- Check the wire markings to ensure they match the wiring diagram, as shown below
- 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 mounting key holes on both ends when mounting. **Recommended spacing between drivers is 5 inches**

Input Connections/Grounding

- Remove the wiring cover and select knockout to use for input
- With the power turned off, route the input wires through the knockout opening using a strain relief
- Connect the wires using the supplied Wago connectors per the wiring diagram. **The driver must be grounded in accordance with the NEC.** Input wires are color-coded: Line (black), Neutral (white), and Ground (green)

Dimming (5-Way)

- Dimmable with 0-10V (wired or use Aux Out with wireless node)
- Forward phase (MLV)
- Reverse phase (ELV)
- PWM
- Potentiometer style

Output Connections

- Bring the wires from LED tape/fixture through the opening of a removed knockout using a strain relief
- Connect the wires using the supplied Wago connectors per the wiring diagrams. **Do not exceed the maximum wattage per channel (96 watts for VAU96L24DC / 300W for VAU300L24DC)**

  Minimum load for VAU96L24DC is 8W

  Minimum load for VAU300L24DC is 40W

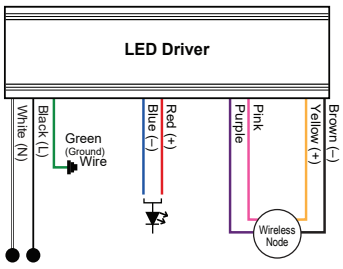
22VDC Aux Out Connection

Operates sensors & accessories that operate between 12VDC and 24VDC. Yellow wire is Positive (+), Brown wire is Negative (-). Auxiliary Output voltage is 22VDC and will power accessories such as Wireless Nodes, Motion Sensors, etc., that operate between 12VDC and 24VDC. Connect as shown in wiring diagram, below.

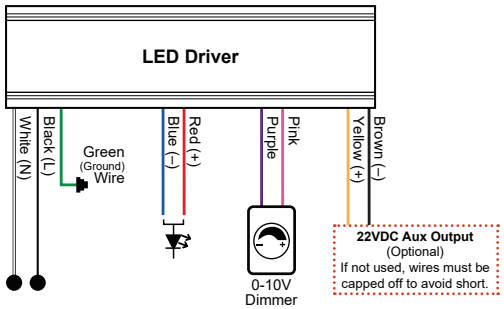
IMPORTANT: **If Auxiliary Output is not used, the wires must be capped off to avoid possible short circuit.**

WIRING DIAGRAMS

0-10V Wireless Node Configuration



0-10V Dimmable Configuration



Phase-Cut Dimmable Configuration

