PROJECT: NOTES:

MAGNITUDE LIGHTING
WE DRIVE LIGHT

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VersaDrive 96 + Aux Out
Installation Guide

For Models
VAU96L24DC
VAU96L24DC-AWN

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

⚠ BEFORE YOU BEGIN

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 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 power off, route input wires through the knockout opening using a strain relief and connect them 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 and potentiometer style dimmers.

Output Connections

Bring the wires from LED tape/fixture through the opening of a removed knockout using a strain relief and connect wires using the supplied Wago connectors per the wiring diagrams.

Do not exceed the maximum wattage of 96W.

Minimum Load is 8W for proper dimming control.

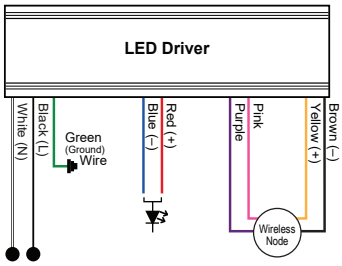
22VDC Aux Out Connection

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.

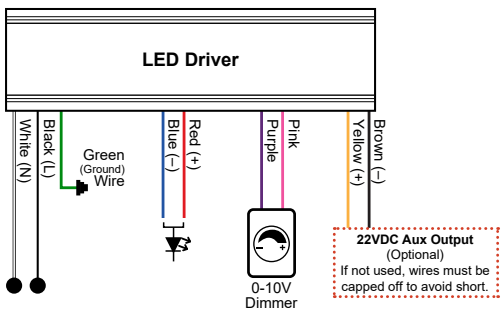
IMPORTANT: If Auxiliary Output is not used the wires must be capped off to avoid possible short circuit.

WIRING DIAGRAMS

0-10V Wireless Node Configuration



0-10V Dimmable Configuration



Phase-Cut Dimmable Configuration