User Manual

Important: Read all instructions prior to installation.

DVP and DVPL Series

Constant Voltage LED Power Supply

Specifications

Environmental Specifications	
Operating Temperature	-4°–113° F (-20–45°C)
IP Rating	IP20

Check product label for specific electrical specifications related to installation. Improper installation will void warranty.

Safety and Notes

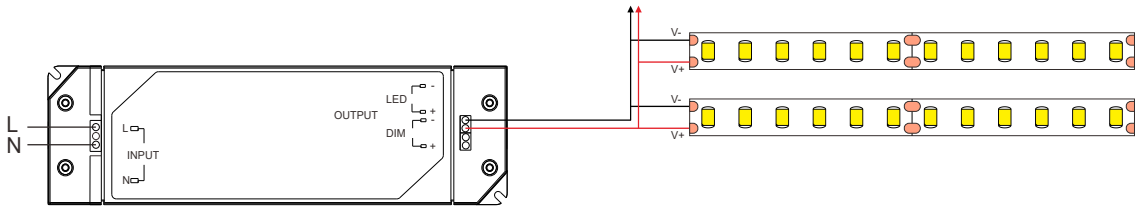
- Product should be installed and serviced by a certified electrician in accordance with applicable national, state, and local building and electrical codes.
- To reduce the risk of electric shock, ensure that the main power source and circuit breakers are switched off before performing any installation or wiring procedures.
- Ensure all mounts are securely attached and will support the weight of the power supply. Failure to properly support may result in damage or injury, for which the manufacturer does not assume responsibility.
- Installation of over-voltage protection and surge protection devices in the power supply circuit of lamps is recommended to ensure safety during use.
- For TRIAC dimmable models, ensure the power rating of the power supply is less than the maximum rating of the TRIAC dimmer.
- Do not install in completely sealed enclosures. Enclosures must be ventilated with holes to allow air passage.
- Suitable for damp locations. Do not expose to corrosive gas or liquids.
- **Ensure the installation of the power supply complies with all driver specifications.**

Installation

1. Install the driver firmly onto the mounting surface with suitable screws.
2. Make all wiring connections and briefly apply power to test for proper function.
   Once proper operation is confirmed, remove power again and complete installation.
3. If any event occurs, such as tripping or irregular operation, disconnect the power main and the connection to the luminaire before investigating the problem. If the driver is found to be defective, please get in touch with customer support for resolution.

Wiring Diagram

Non-dimmable Constant Voltage Power Supply



1. Connect the output positive (+) terminal of the driver to the V+ terminal of the LED strip.
2. Connect the output negative (-) terminal of the driver to the V- terminal of the LED strip.

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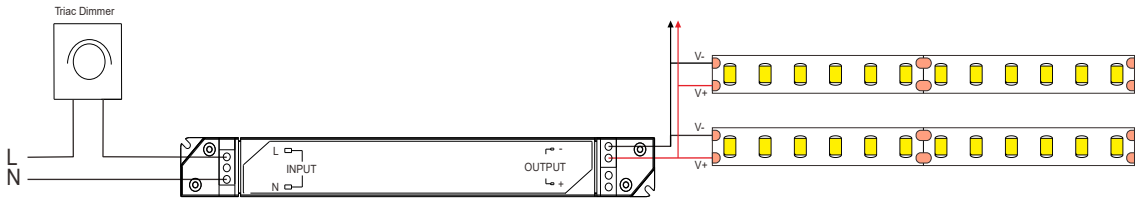
Constant Voltage LED Power Supply

Triac Wiring Diagram

TRIAC Dimmable Constant Voltage Power Supply



1. Connect the TRIAC dimmer to the "Live" (L) input wire of the driver.
2. Connect the output positive (+) terminal of the driver to the V+ terminal of the LED strip.
3. Connect the output negative (-) terminal of the driver to the V- terminal of the LED strip.