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## Installation Instructions for **24 Volt DC 60 Watt Power Supply**



### GENERAL INFORMATION

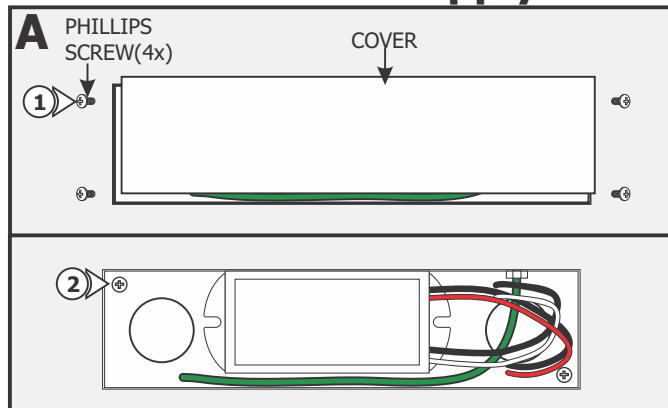
- **RISK OF FIRE:** This product must be installed by a qualified electrician. Turn the power to the electrical box off during installation. Read the "Important Safety Instructions " before installation.
- **NOTE:** To avoid overheating the power supply, install it in a ventilated remote location where air flows. Maintain proper spacing among power supplies when multiple power supplies are installed in the same remote location.
- This product is not suitable for wet locations. It is approved for the use at any height above the finished floor.
- A typical installation is shown. Specific installation must be in accordance with the local electrical codes.
- **TO REDUCE RISK OF FIRE,** it is important to wire the power supply for the system as described in this installation instruction.
- Load the power supply to **MAXIMUM 60** Watts.

**SAVE THESE INSTRUCTIONS!**

### IMPORTANT SAFETY INSTRUCTIONS

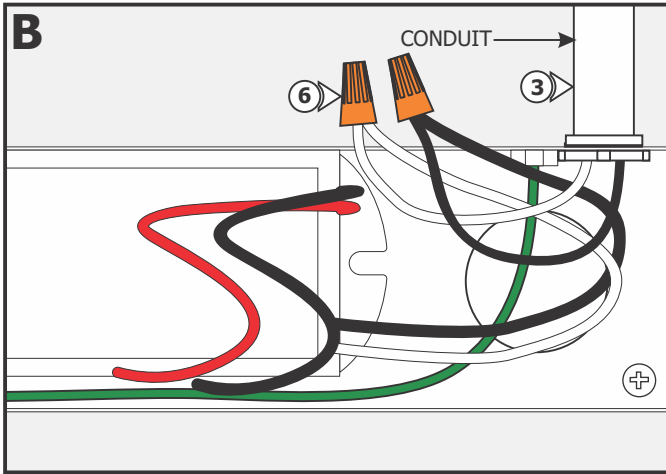
- Do not install this power supply in a wet location.
- To reduce the risk of the system overheating and possibly causing a fire, make sure all the connections are tight.
- Do not install \*LED fixture closer than three inches or as specified in the \*LED fixture installation instructions to curtains or similarly combustible materials. Keep insulation at least 3" away from the enclosure.
- Turn the electrical power off before modifying the lighting system in any way.
- For dimming options refer to EDGELIGHTING.COM.
- \* See LED fixture installation instructions for proper placement.

## Install the Power Supply



**1:** Loosen and remove the four Phillips screws on sides of the power supply to remove the cover.

**2:** Secure the power supply case to the desired location with two #6 screws provided.



- 3:** Install a conduit and power wires from the panel to the power supply.
- 4:** **DO NOT** connect the power wires to the panel at this time.
- 5:** Ground the power supply housing in accordance with local electrical codes.
- 6:** Connect the 120 volt wires coming from power supply port the hot and neutral 120 VAC power line wires respectively with wire nuts.

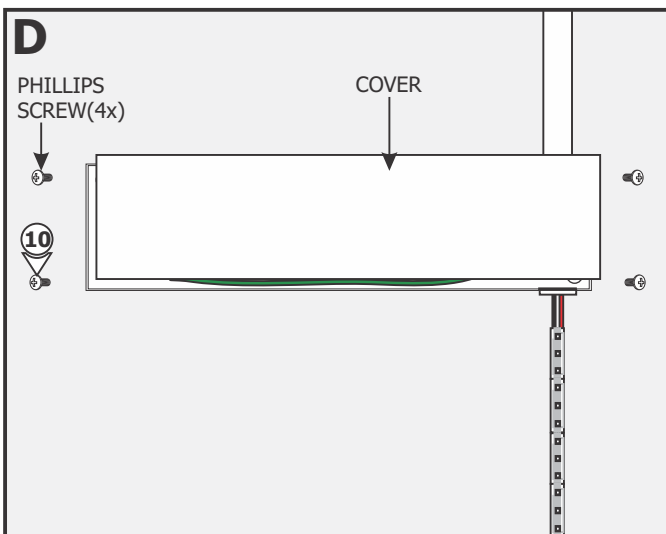
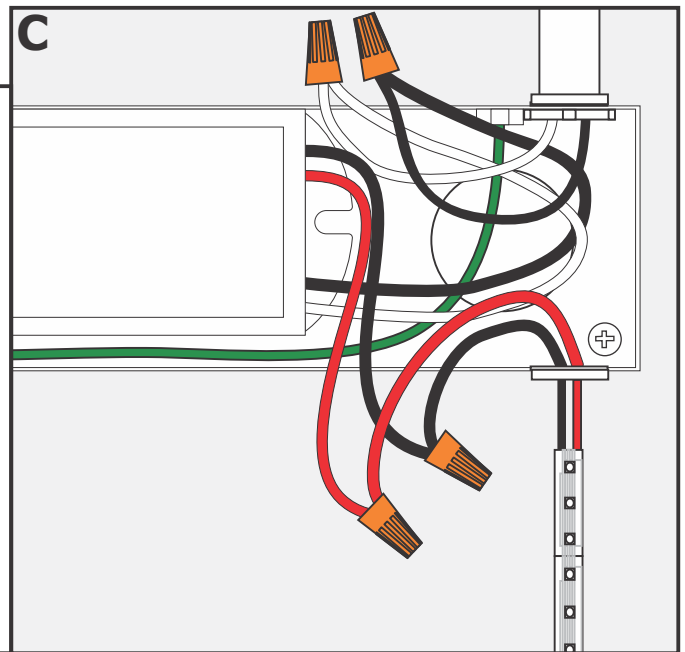
**NOTE:** In order to use small gauge wires from the power supply to the LED fixture, it is recommended to install the power supply as near as possible to the LED fixture. See "Low Voltage Wire Size Chart" below.

- 7:** Use the "Low Voltage Wire Size Chart" below to determine the proper wire size connecting the power supply wires to the LED soft strip wires.

**NOTE:** Maximum circuit load is **60 Watts**

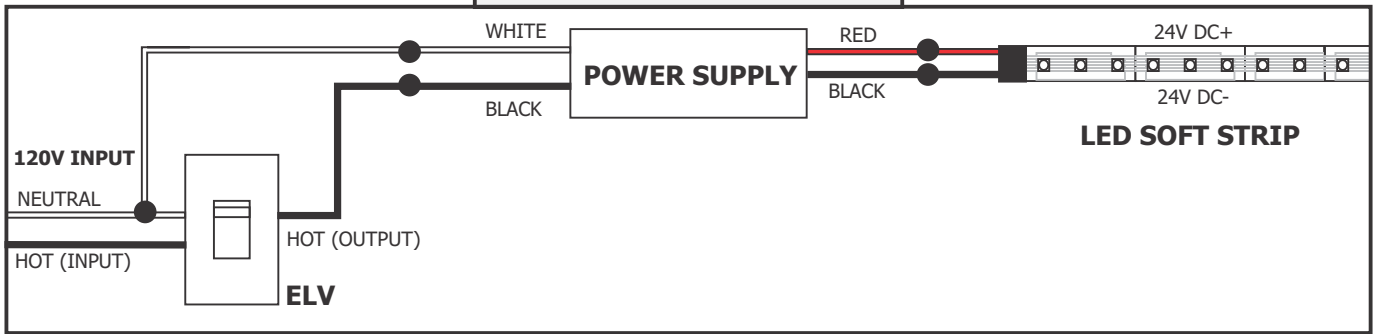
**NOTE:** Use only 24VDC LED products with this power supply.

- 8:** Connect the red (24V DC+) power supply wire to the red wire of each LED soft strip with a wire nut.
- 9:** Connect the black (24V DC-) power supply wire to the black wire of each LED soft strip with a wire nut.



- 10:** Replace the power supply cover and tighten the four Phillips screws on the side of the cover.
- 11:** Connect the 120 volt power wires at the panel.
- 12:** Turn on the power.

### General Wiring Diagram



### 60W, 24VDC LOW VOLTAGE WIRE SIZE CHART

<b>3% VOLTAGE DROP</b>	<b>WIRE LENGTH IN FT</b>	<b>UP TO 53FT</b>	<b>54FT - 82FT</b>	<b>83FT - 137FT</b>
	<b>WIRE SIZE</b>	14 AWG	12 AWG	10 AWG
	<b>VOLTAGE AT END OF THE WIRE</b>	23.28 VDC	23.29 VDC	23.28 VDC