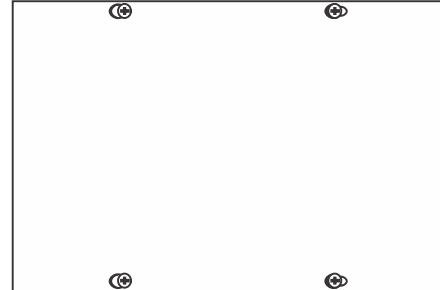


Installation Instructions for 2 X 96 Watt 24 Volt DC Power Supply with 0-10 Volt Dimming Module

SAVE THESE INSTRUCTIONS!



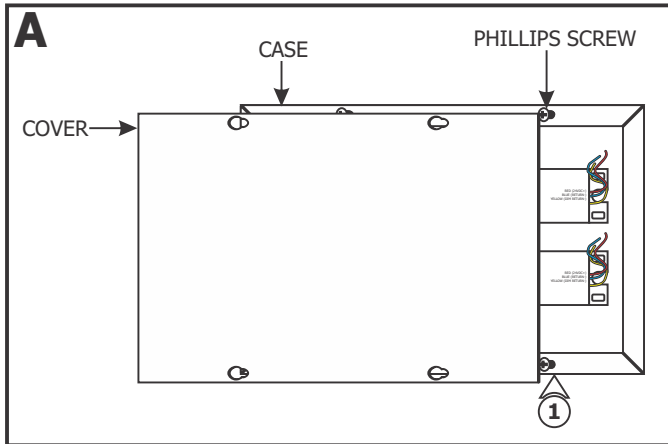
GENERAL INFORMATION

- **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.
- 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 each power supply to **MAXIMUM 96** Watts.
- Use Lightolier "ZP600FAM120" 0-10 volt controller to dim

IMPORTANT SAFETY INSTRUCTIONS

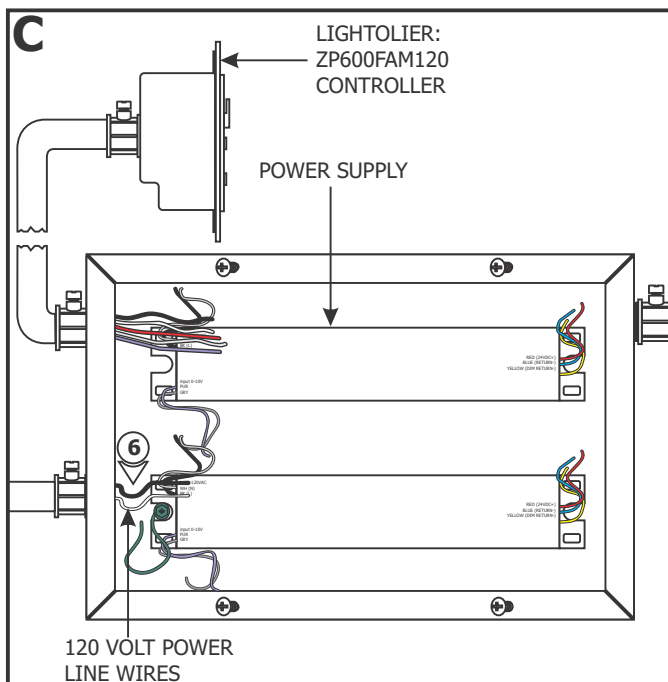
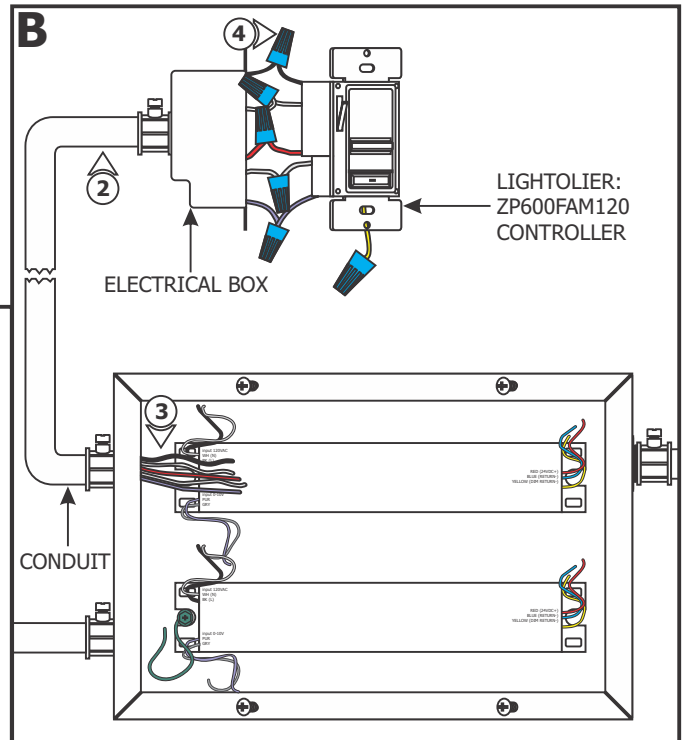
- Do not install this power supply in a wet location.
- To reduce the risk of the system overheating and possibly causing a fire, make sure all the connections are tight.
- Do not install *LED fixture closer than three inches or as specified in the *LED fixture installation instructions to curtains or 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.
- The system is "ETL" listed for USA and Canada only when all the products used are supplied by Edge Lighting.
- * See LED fixture installation instructions for proper placement.

Install the Power Supply



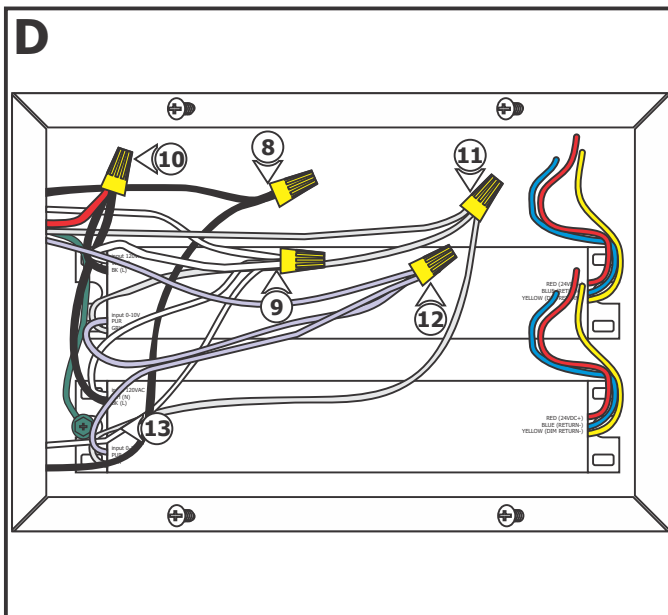
1: Loosen the four Phillips screws on the front of the power supply cover to slide the cover off of the case.

- 2:** Install conduits from the controller electrical box to main panel and soft strip to the power supply case.
- 3:** Run proper wire size and color from the controller (switch) electrical box to the power supply case.
- 4:** Connect the black, white, red, purple, and gray controller wires respectively to black, white, red, purple, and gray wires with a wire nut. The yellow controller wire is not used in this procedure. Cap the yellow controller wire with a wire nut. For three way switching, refer to the instructions provided with the controller.



6: Run the 120 volt power line wires from the panel to the power supply case.

7: DO NOT connect the power wires to the panel at this time.



- 8:** Connect the black controller wire to the 120 volt hot power line wire with a wire nut.
- 9:** Connect the white controller wire to the 120 volt neutral power line wire and white wire of each power supply with a wire nut.
- 10:** Connect the red controller wire to the black wire of each power supply with a wire nut.
- 11:** Connect the gray controller wire to gray wire of each power supply with a wire nut.
- 12:** Connect the purple controller wire to each purple wire of each power supply with a wire nut.
- 13:** Make sure the power supply is grounded in accordance

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

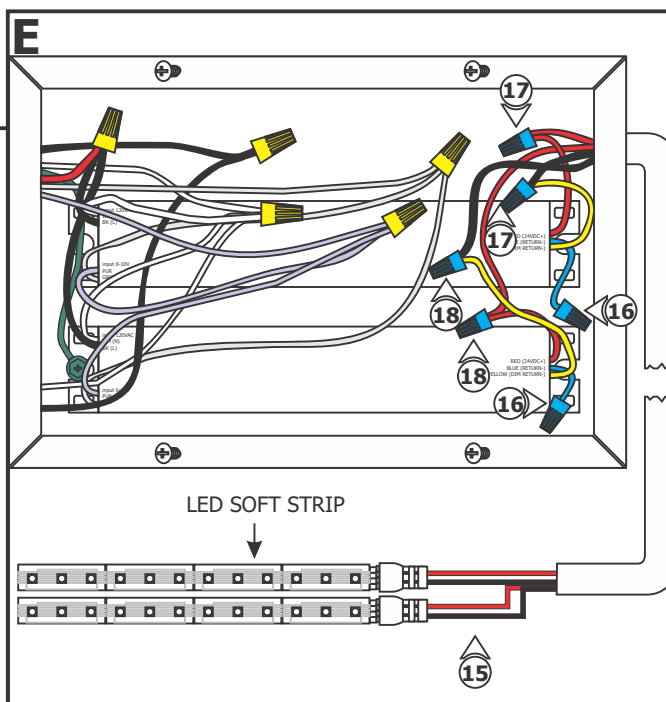
15: Run the proper size, red and black wires from the LED soft strip to each power supply case.

16: Cap the blue wires with a wire nut, this wire is not used.

NOTE: Use only 24 volt Warm White LED soft strip with this power supply.

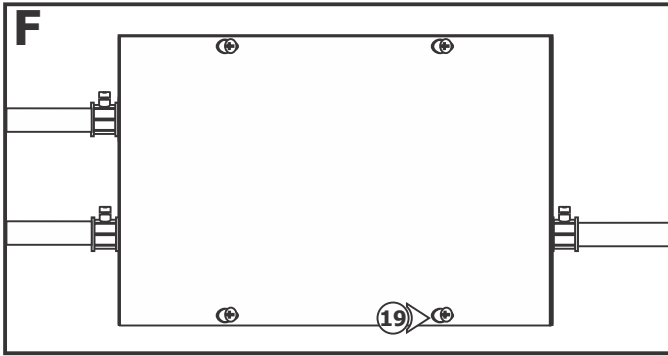
17: Connect the red wire of one power supply to the red wire of one LED soft strip run (a group of maximum 96 watt LED soft stripes) with a wire nut. Connect the yellow wire of the same power supply to the black wire of these LED soft stripes.

18: Repeat step 16 for the other power supply and the other group of LED soft strips.



96W, 24VDC LOW VOLTAGE WIRE SIZE CHART

3% VOLTAGE DROP	WIRE LENGTH IN FT	UP TO 33FT	34FT-52FT	53FT-86FT	87FT-130FT
	WIRE SIZE	14 AWG	12 AWG	10 AWG	8 AWG
	VOLTAGE AT END OF THE WIRE	23.28 VDC	23.29 VDC	23.28 VDC	23.28 VDC



19: Replace the power supply cover and secure it by tightening the four Phillips screws.

Overall Wiring Diagram

