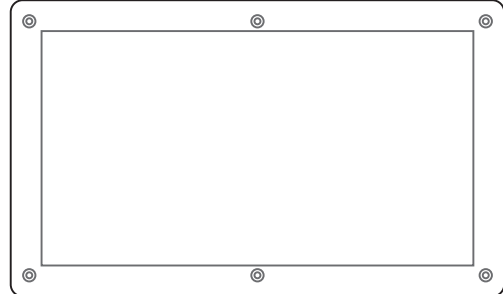


Installation Instructions for **100 Watt 12 Volt DC LED Power Supply with 0-10 Volt Dimming Module**

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 the power supply to **MAXIMUM 60** Watts.
- Use Lightolier "ZP600FAM120" 0-10 volt controller to dim the Warm White LED soft strip.

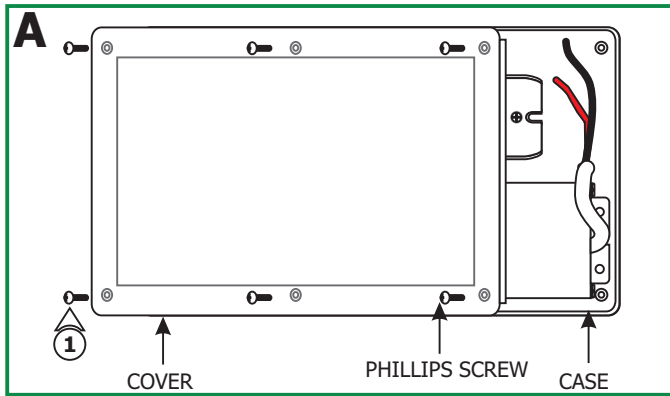
IMPORTANT SAFETY INSTRUCTIONS

- 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.

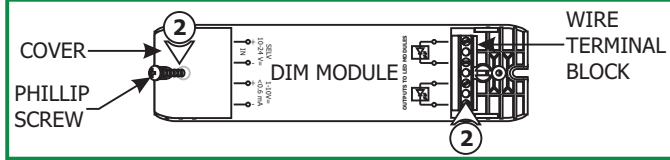
60W, 12VAC LOW VOLTAGE WIRE SIZE CHART

3% VOLTAGE DROP	WIRE LENGTH IN FT	UP TO 13FT	14FT-20FT	21FT-34FT	35FT-52FT
	WIRE SIZE	14 AWG	12 AWG	10 AWG	8 AWG
	VOLTAGE AT END OF THE WIRE	11.65 VAC	11.65 VAC	11.64 VAC	11.64 VAC

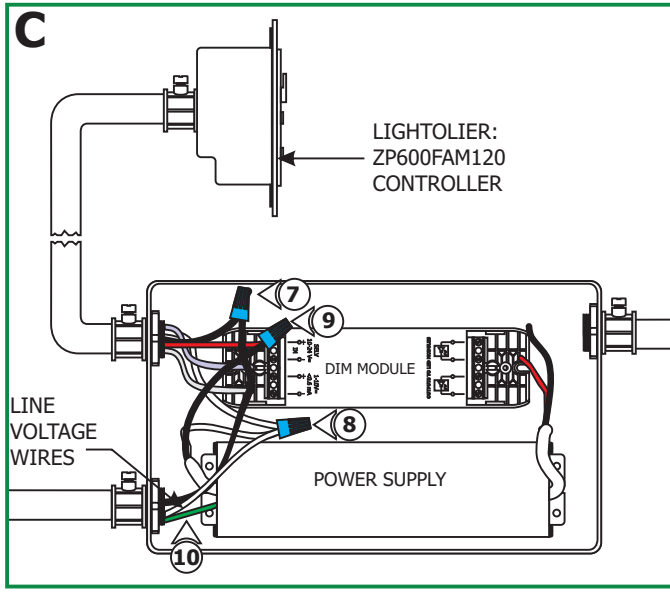
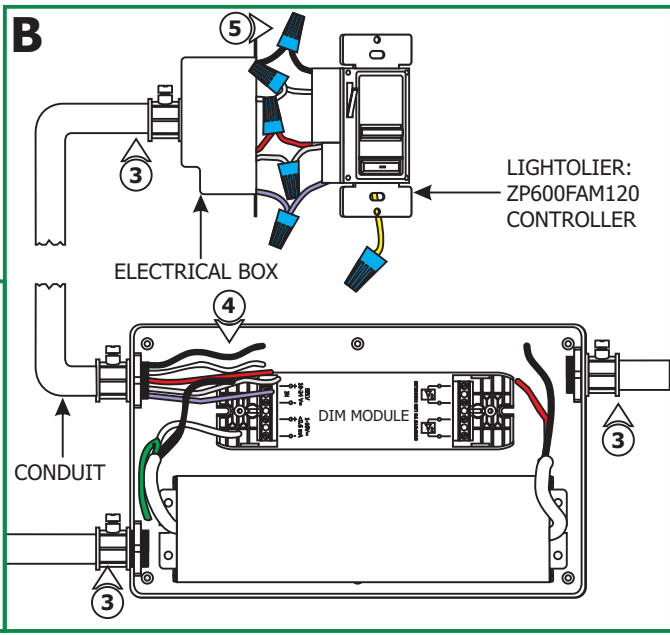
Using LED Power Supply with Warm White Soft Strip, 0-10 Volt Dimmer, & Dimming Module



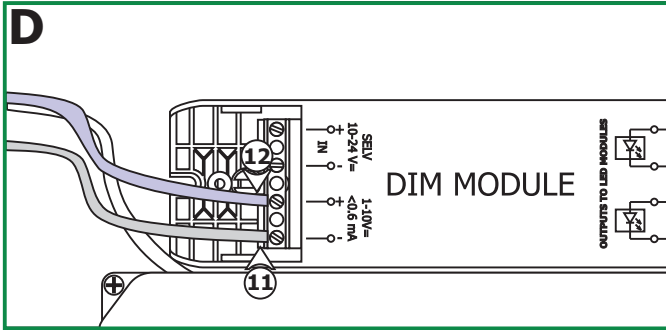
- 1:** Loosen the six Phillips screws on front of the power supply to remove the cover.
- 2:** Loosen the two Phillips screws on the front of the dim module and remove the covers to expose the terminal blocks.



- 3:** Install the conduits from the dimming controller, main panel (line voltage), and soft strip to the power supply case.
- 4:** Run proper wire size and color from the controller electrical box to the power supply case.
- 5:** 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 line voltage power wires into power supply case.
- 7:** Connect the hot power wire to black controller wire with a wire nut.
- 8:** Connect the neutral power wire to white controller wire and the white power supply wire with a wire nut.
- 9:** Connect the red controller wire to black power supply wire with a wire nut.
- 10:** Make sure the green transformer wire is grounded in accordance with local electrical codes.

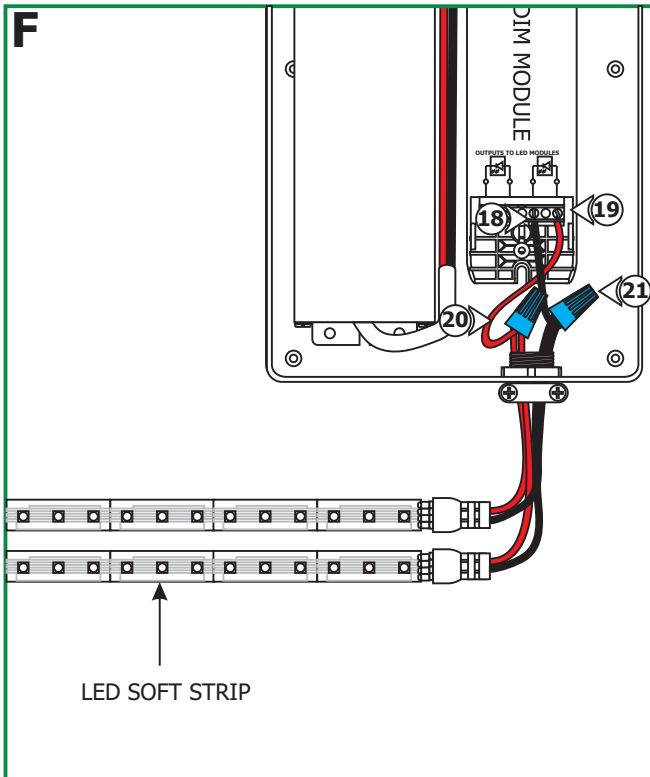
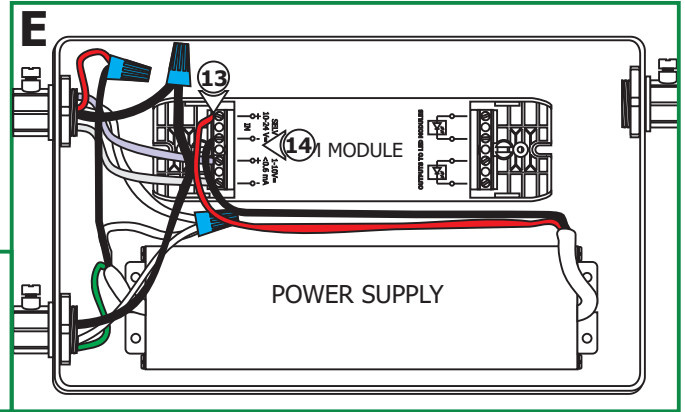


11: Connect the gray controller wire to "-" terminal of "1-10V" dim module.

12: Connect the purple controller wire to "+" terminal of "1-10V" dim module.

13: Connect the red power supply wire to "+" terminal of "12-24V" dim module.

14: Connect the black power supply wire to "-" terminal of "12-24V" dim module.



15: Use the "Low Voltage Wire Size Chart" on page 1 to determine the proper wire size connecting the dim module to the LED soft strip.

16: Run the proper size, red and black wires from the dim module case to the LED soft strip.

NOTE: Dimming module is rated maximum 5Amp, 60Watt. Do not load the dimming module over 60 Watts.

NOTE: Use only 12 volt LED soft strip with this power supply.

17: Connect the red wire to "+" terminal of dim module output.

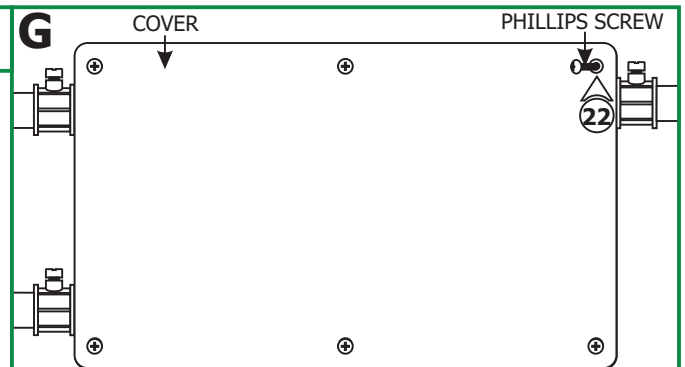
18: Connect the black wire to "-" terminal of dim module output.

19: Replace the covers of the dim module and secure them by tightening the Phillips screws.

20: Connect the red wire coming from the dim module to the red wire of each LED soft strip.

21: Connect the black wire coming from the dim module to the black wire of each LED soft strip.

22: Replace the power supply cover and secure it by tightening the six Phillips screws.



Wiring Diagrams

Using LED Power Supply with Warm White Soft Strip & 0-10 Volt Dimmer

