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Installation Instructions for **60 Watt 24 Volt DC Power Supply with Trim, Universal Dimming**



SAVE THESE INSTRUCTIONS!



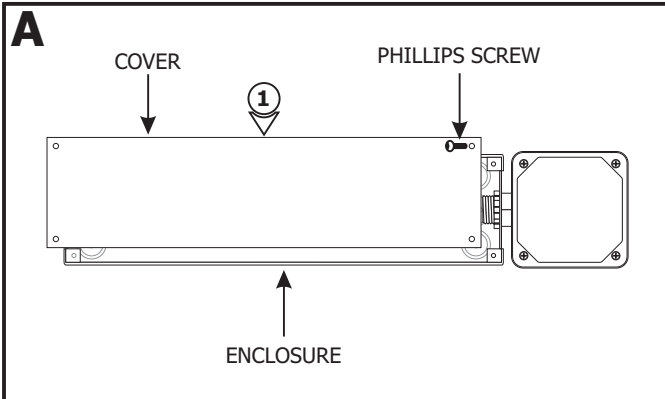
GENERAL INFORMATION

- **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.
- **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.
- For multiple parallel runs, do not exceed 32' total length.

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 Pure Edge Lighting.
- * See LED fixture installation instructions for proper placement.

Install the Power Supply



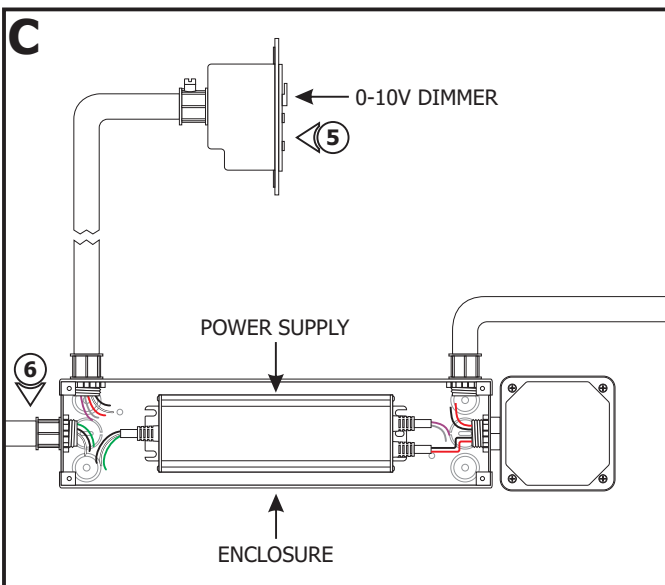
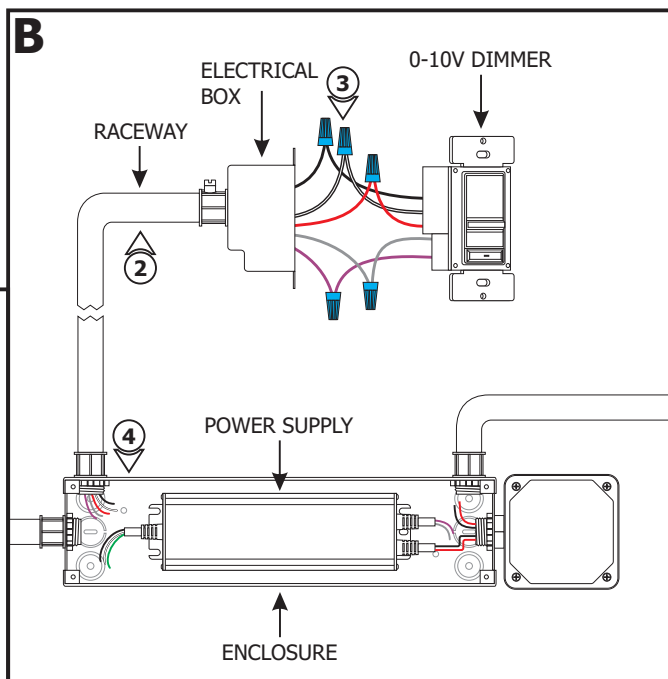
1: Remove the four Phillips screws to slide the cover off of the enclosure.

NOTE: Refer to wiring diagrams on page 4 and 5. Steps 2 through 13 show typical installation for 0-10V dimmers.

2: Install raceway from the controller, main panel (line voltage) and fixture to the power supply enclosure.

3: Connect the black, white, red, purple and gray controller wires respectively to the black, white, red, purple and gray wires using wire nuts. Refer to the instructions provided with the controller.

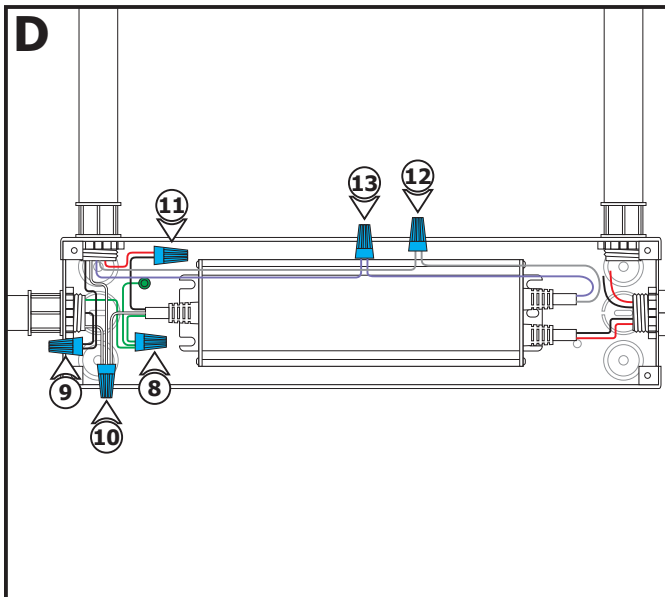
4: Run the wires from the controller to the power supply enclosure.



5: Secure the controller to the electrical box.

6: Run the line voltage power wires from the panel to the power supply enclosure.

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



8: Make sure the power supply is grounded in accordance with local electrical codes.

9: Connect the black controller wire to the line voltage hot wire using a wire nut.

10: Connect the white controller wire to the line voltage neutral wire and white wire of the power supply using a wire nut.

11: Connect the red controller wire to the black wire of the power supply using a wire nut.

NOTE: For ELV dimming, cap the 0-10V wire ends with wire nuts. The 0-10V wires are not used.

12: Connect the gray controller wire to the gray wire of the power supply using a wire nut.

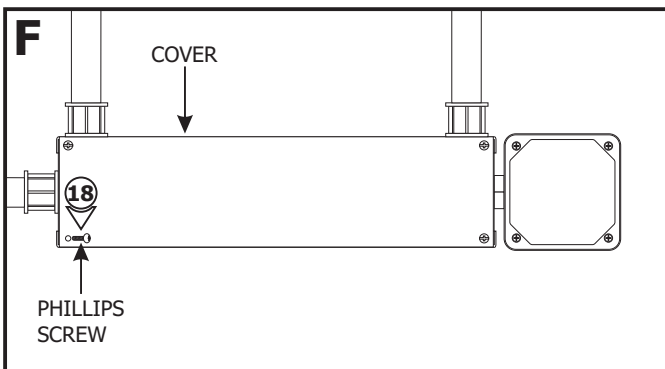
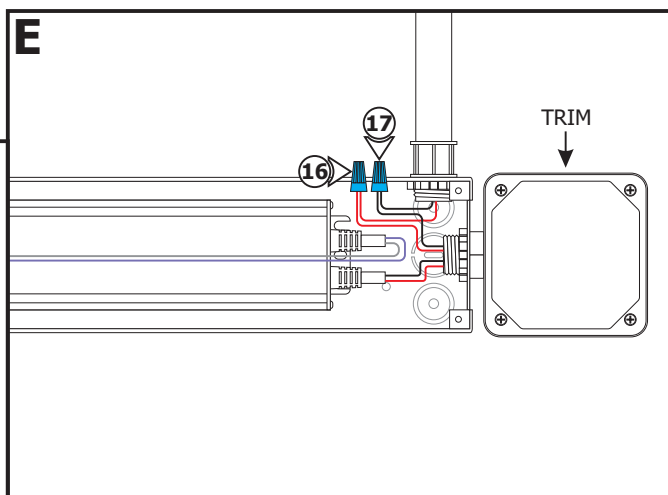
13: Connect the purple controller wire to the purple wire of the power supply using a wire nut.

14: Use the "Low Voltage Wire Size Chart" on page 4 to determine the proper wire size connecting the power supply to the fixture.

15: Run the proper size red and black wires from the fixture to the power supply enclosure.

16: Connect the output red (+24VDC) wire from the trim to the red wires from the fixture using a wire nut.

17: Connect the output black (-24VDC) wire from the trim to the black wires from the fixture using a wire nut.



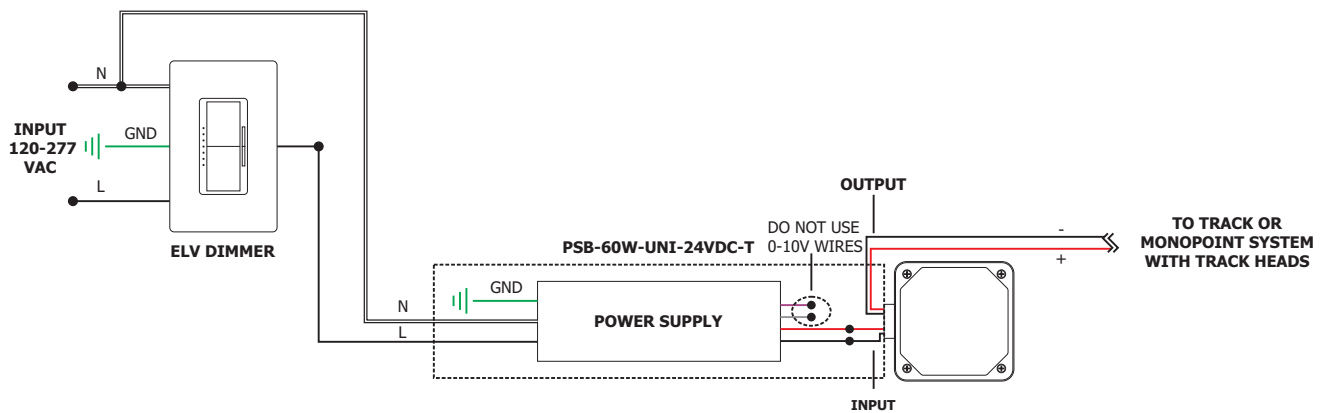
18: Replace the power supply cover and secure it by tightening the four Phillips screws.

60W, 24VDC LOW VOLTAGE WIRE SIZE CHART

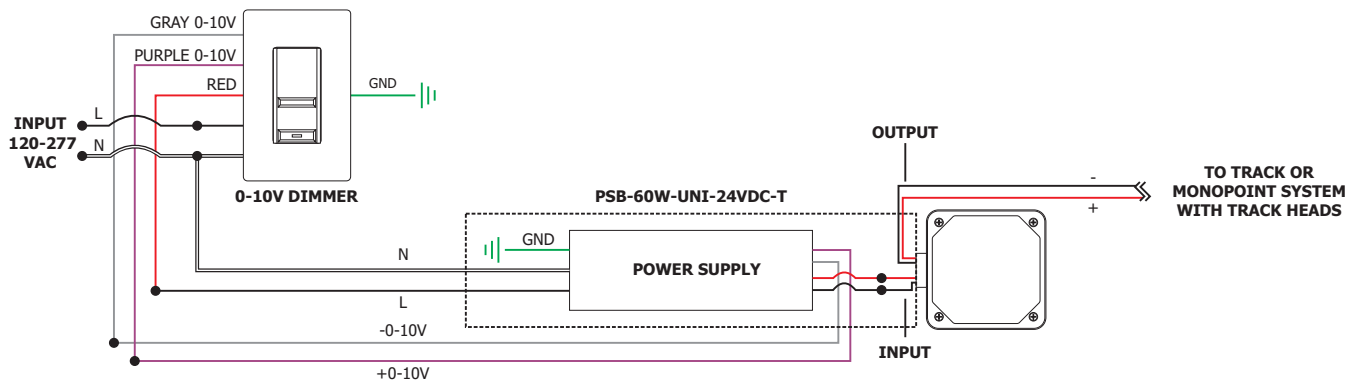
| 3% VOLTAGE DROP | WIRE LENGTH IN FT | UP TO 53FT | 54FT - 82FT | 83FT - 137FT |
|-----------------------|-------------------------------|------------|-------------|--------------|
| | WIRE SIZE | 14 AWG | 12 AWG | 10 AWG |
| | VOLTAGE AT END OF THE WIRE | 23.28 VDC | 23.29 VDC | 23.28 VDC |

Wiring Diagrams

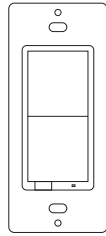
General ELV Wiring



General 0-10V Wiring



G



PURE SMART DIMMER
SWW-DIM-WH

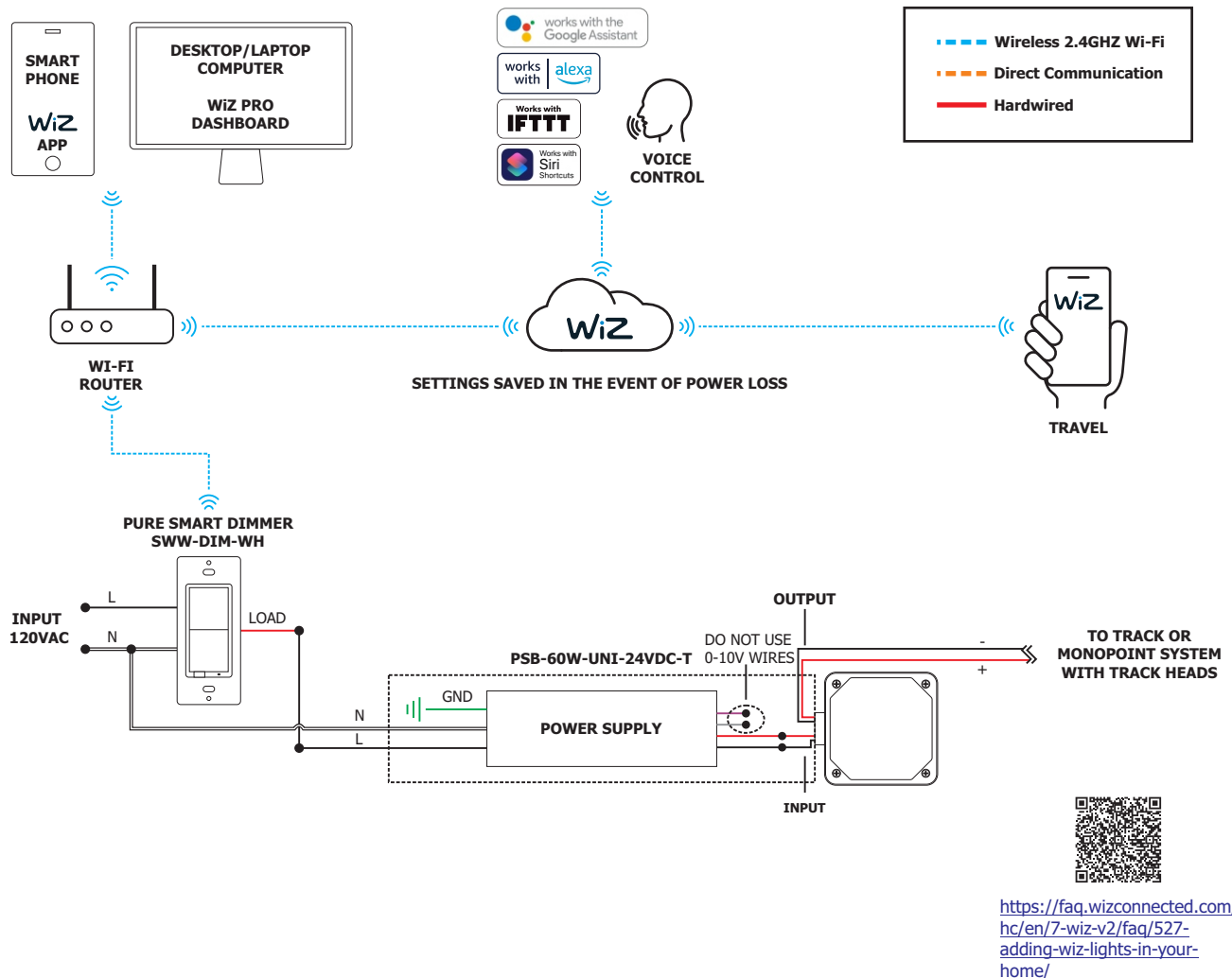
NOTE: Download the "WiZ Connected" app from either Google Play or the Apple App Store.



Pure Smart Dimmer:

19: Refer to the instructions provided with the controller and the WiZ App for complete set up.

General Wiring Diagram



If you have any questions, please contact WiZ Support at
Toll Free Number: **1-800-223-9477 - WiZ Pro [B2B]: Press 2 and then press 2 (Pro Installer support only)**
Web: <https://faq.wizconnected.com/hc/en/7-wiz-v2/>



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Installation Instructions for **96 Watt 24 Volt DC Power Supply with Trim, Universal Dimming**



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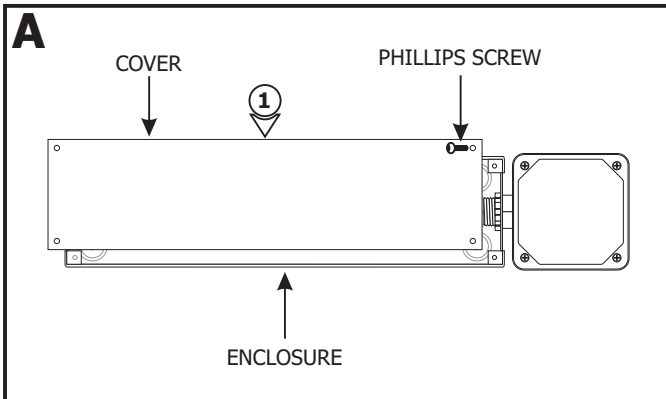
GENERAL INFORMATION

- **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 96** Watts.
- For multiple parallel runs, do not exceed 32' total length.

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 Pure Edge Lighting.
- * See LED fixture installation instructions for proper placement.

Install the Power Supply



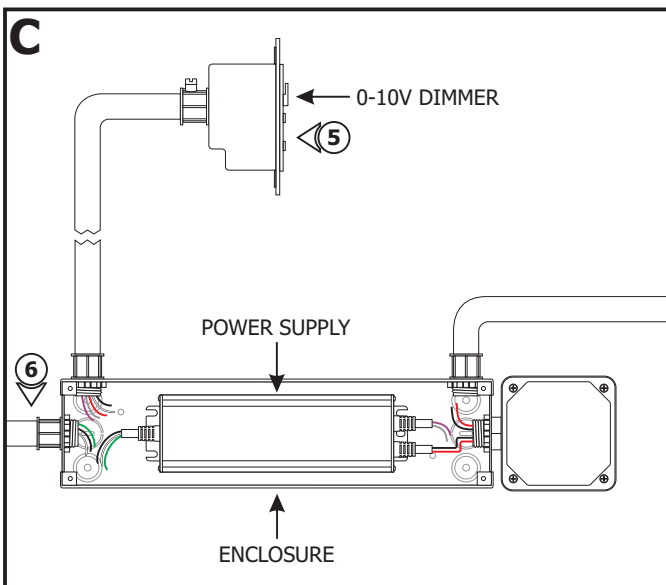
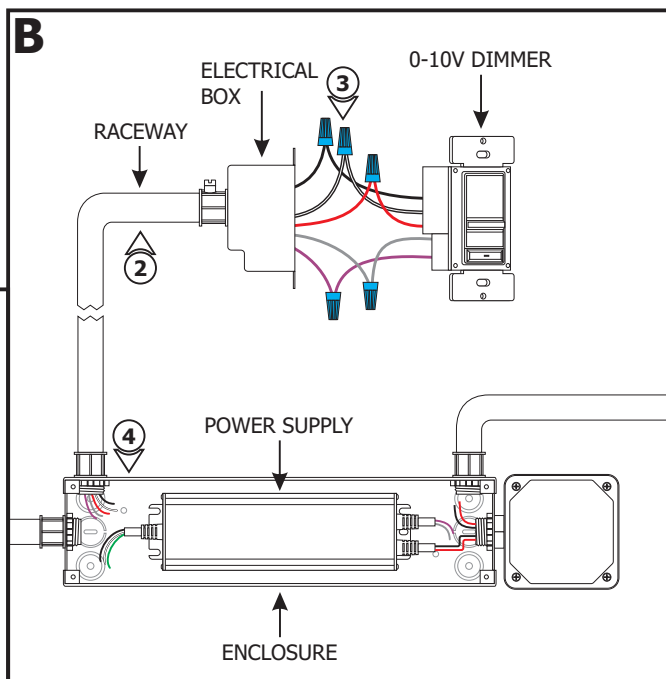
1: Remove the four Phillips screws to slide the cover off of the enclosure.

NOTE: Refer to wiring diagrams on page 4 and 5. Steps 2 through 13 show typical installation for 0-10V dimmers.

2: Install raceway from the controller, main panel (line voltage) and fixture to the power supply enclosure.

3: Connect the black, white, red, purple and gray controller wires respectively to the black, white, red, purple and gray wires using wire nuts. Refer to the instructions provided with the controller.

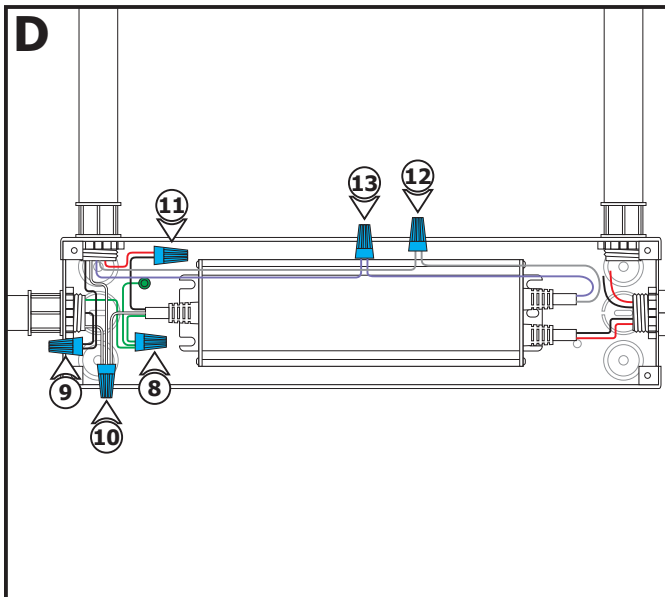
4: Run the wires from the controller to the power supply enclosure.



5: Secure the controller to the electrical box.

6: Run the line voltage power wires from the panel to the power supply enclosure.

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



8: Make sure the power supply is grounded in accordance with local electrical codes.

9: Connect the black controller wire to the line voltage hot wire using a wire nut.

10: Connect the white controller wire to the line voltage neutral wire and white wire of the power supply using a wire nut.

11: Connect the red controller wire to the black wire of the power supply using a wire nut.

NOTE: For ELV dimming, cap the 0-10V wire ends with wire nuts. The 0-10V wires are not used.

12: Connect the gray controller wire to the gray wire of the power supply using a wire nut.

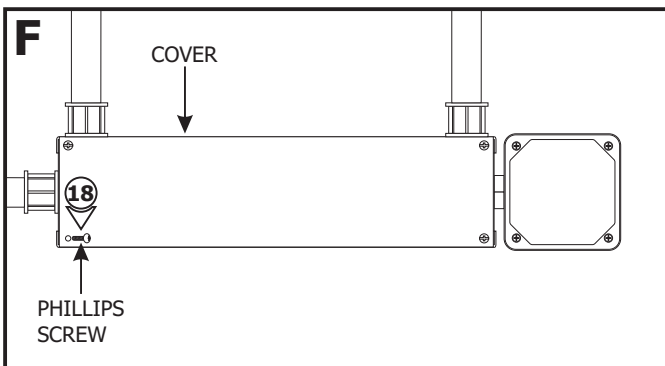
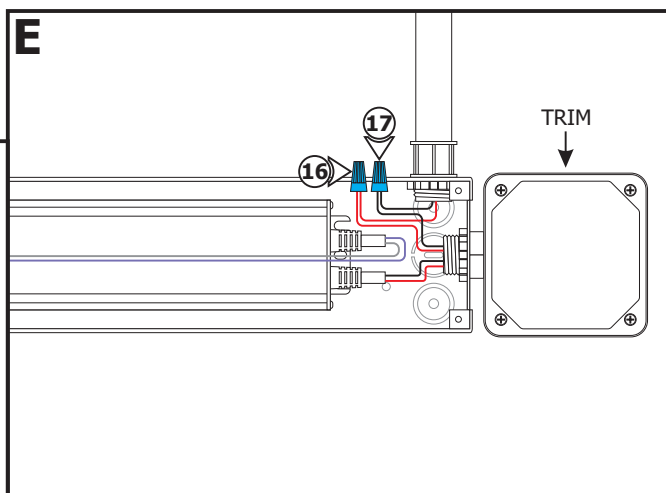
13: Connect the purple controller wire to the purple wire of the power supply using a wire nut.

14: Use the "Low Voltage Wire Size Chart" on page 4 to determine the proper wire size connecting the power supply to the fixture.

15: Run the proper size red and black wires from the fixture to the power supply enclosure.

16: Connect the output red (+24VDC) wire from the trim to the red wires from the fixture using a wire nut.

17: Connect the output black (-24VDC) wire from the trim to the black wires from the fixture using a wire nut.



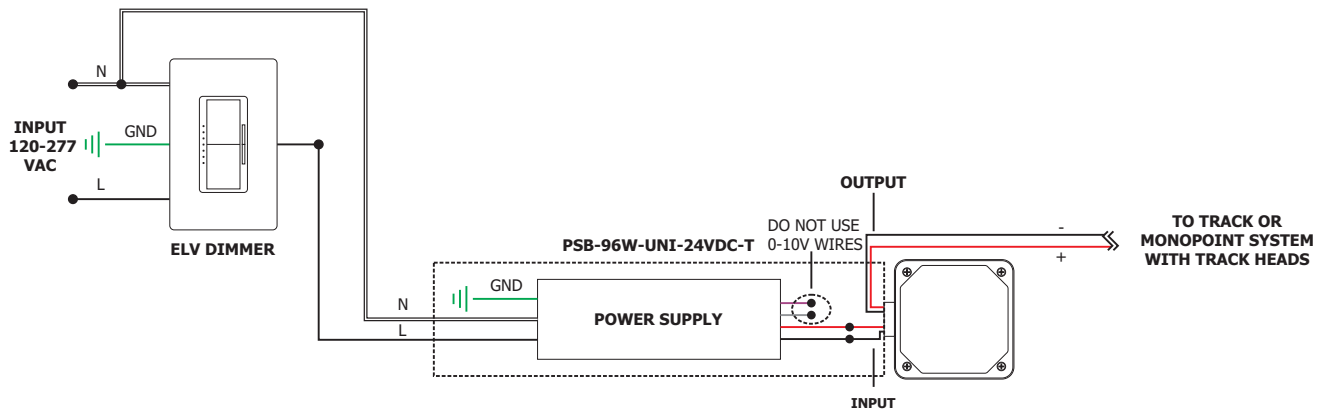
18: Replace the power supply cover and secure it by tightening the four Phillips screws.

96W, 24VDC LOW VOLTAGE WIRE SIZE CHART

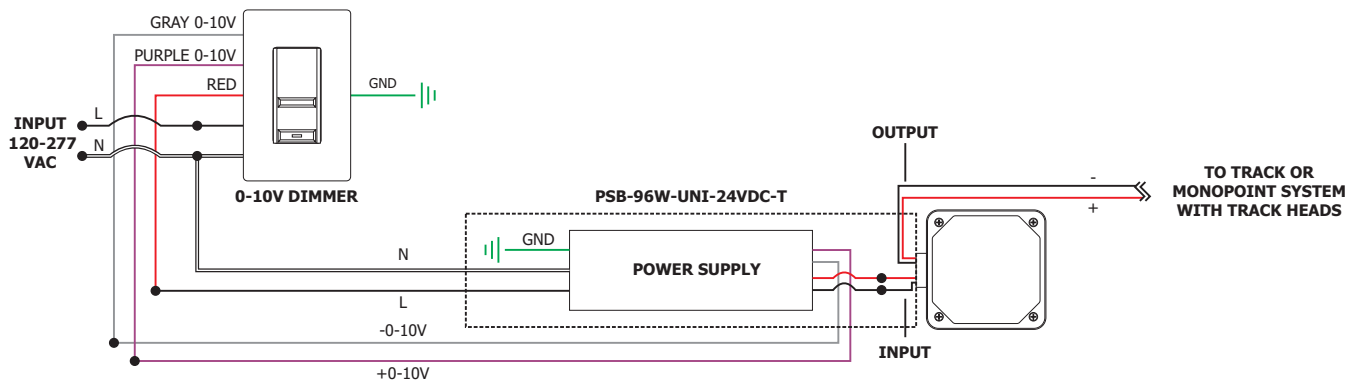
| 3% VOLTAGE DROP | WIRE LENGTH IN FT | UP TO 33FT | 34FT - 52FT | 53FT - 86FT | 87FT - 130FT |
|-----------------------|-------------------------------|------------|-------------|-------------|--------------|
| | WIRE SIZE | 14 AWG | 12 AWG | 10 AWG | 8 AWG |
| | VOLTAGE AT END OF THE WIRE | 23.28 VDC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

Wiring Diagrams

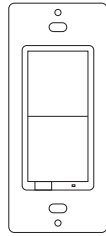
General ELV Wiring



General 0-10V Wiring



G



PURE SMART DIMMER
SWW-DIM-WH

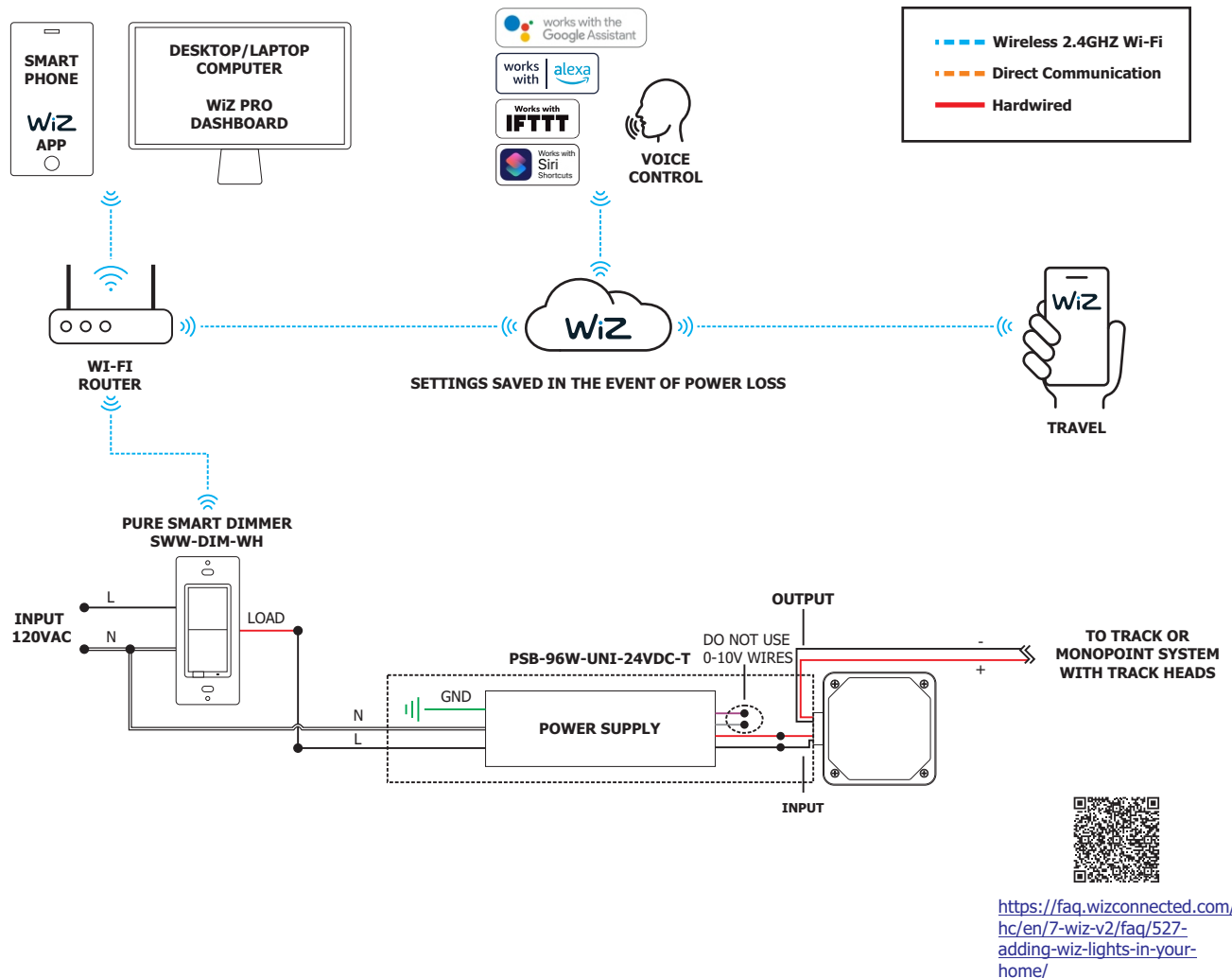
NOTE: Download the "WiZ Connected" app from either Google Play or the Apple App Store.



Pure Smart Dimmer:

19: Refer to the instructions provided with the controller and the WiZ App for complete set up.

General Wiring Diagram

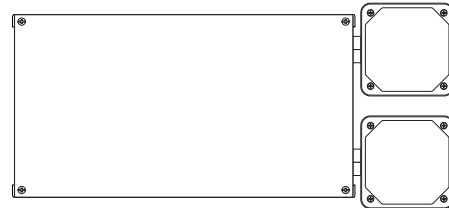


If you have any questions, please contact WiZ Support at
Toll Free Number: **1-800-223-9477 - WiZ Pro [B2B]: Press 2 and then press 2 (Pro Installer support only)**
Web: <https://faq.wizconnected.com/hc/en/7-wiz-v2/>



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Installation Instructions for **2X96 Watt 24 Volt DC Power Supply with Trim, Universal Dimming**



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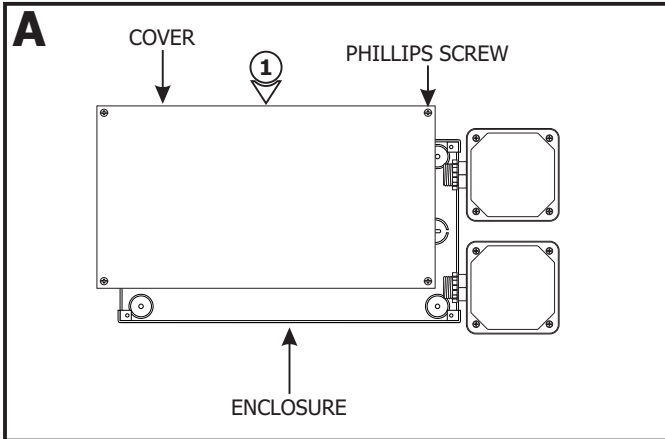
GENERAL INFORMATION

- **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 each power supply to **MAXIMUM 96** Watts.
- For multiple parallel runs, do not exceed 32' total length.

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 3" 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 Pure Edge Lighting.
- *See LED fixture installation instructions for proper placement.

Install the Power Supply



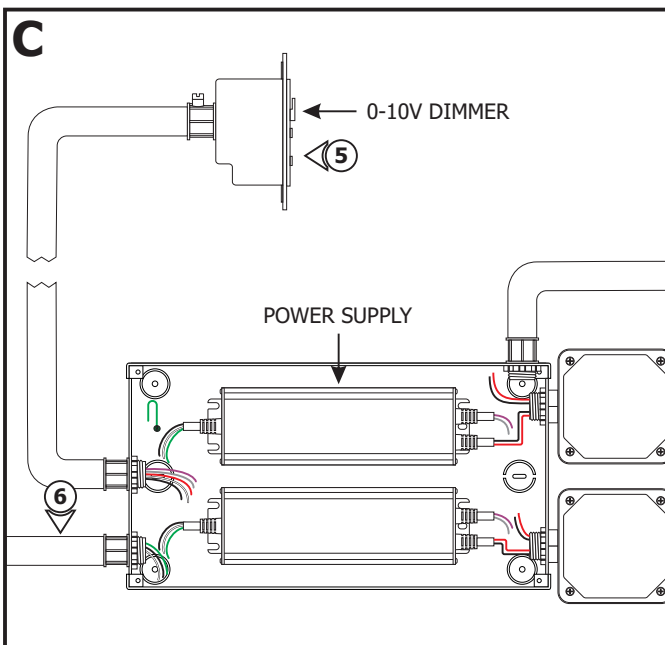
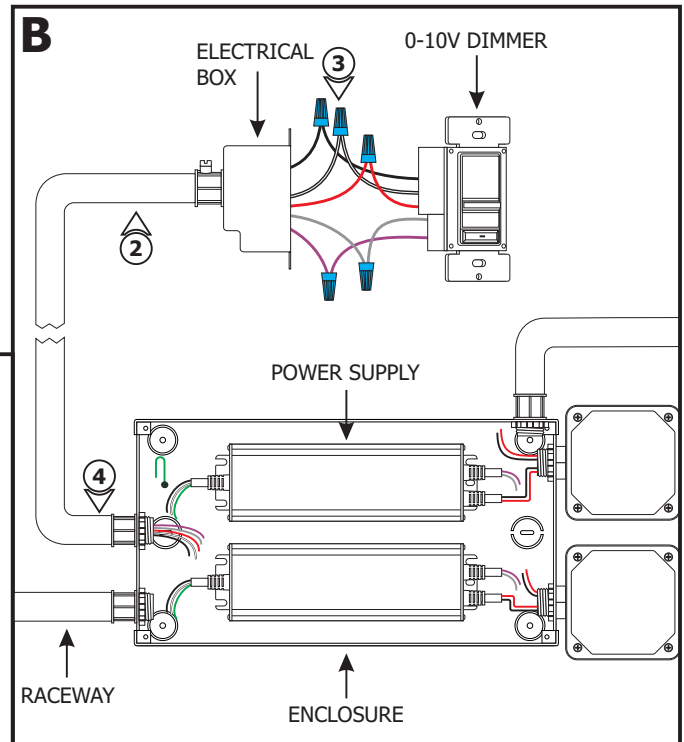
1: Remove the four Phillips screws only on the power supply enclosure to slide off the cover.

NOTE: Refer to wiring diagrams on page 4 and 5. Steps 2 through 13 show typical installation for 0-10V dimmers.

2: Install raceway from the controllers, main panel (line voltage) and fixture to the power supply enclosure.

3: Connect the black, white, red, purple and gray controller wires respectively to the black, white, red, purple and gray wires using wire nuts. Refer to the instructions provided with the controller.

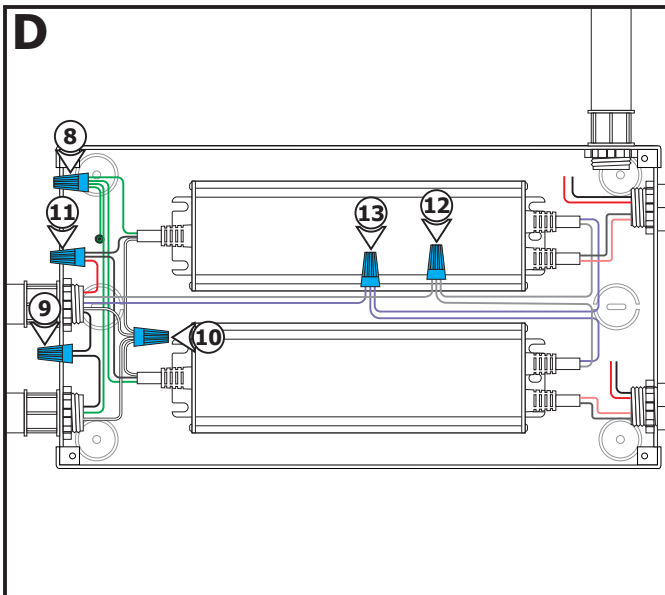
4: Run the wires from the controllers to the power supply enclosure.



5: Secure the controller to the electrical box.

6: Run the line voltage power wires from the panel to the power supply enclosure.

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



8: Make sure the power supplies are grounded in accordance with local electrical codes.

9: Connect the black controller wire to the line voltage hot wire using a wire nut.

10: Connect the white controller wire to the line voltage neutral wire and white wire of each power supply using a wire nut.

11: Connect the red controller wire to the black wire of each power supply using a wire nut.

NOTE: For ELV dimming, cap the 0-10V wire ends with wire nuts. The 0-10V wires are not used.

12: Connect the gray controller wire to the gray wire of each power supply using a wire nut.

13: Connect the purple controller wire to the purple wire of each power supply using a wire nut.

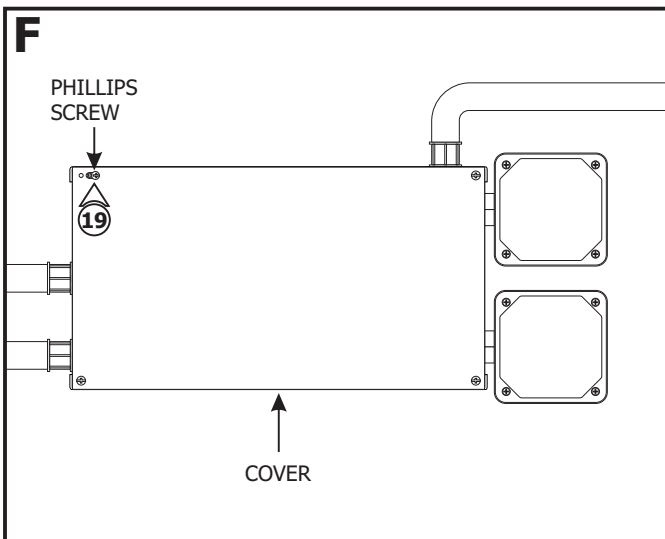
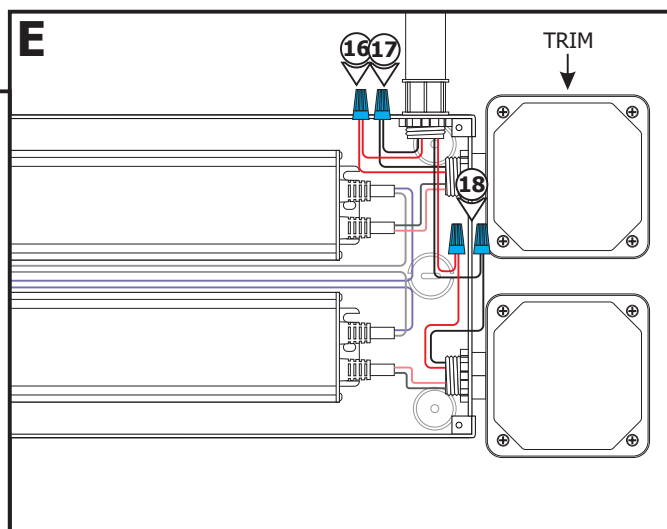
14: Use the "Low Voltage Wire Size Chart" on page 4 to determine the proper wire size connecting the power supply to the fixture.

15: Run the proper size red and black wires from the fixtures to the power supply enclosure.

16: Connect the output red (+24VDC) wire from one trim to the red wires of one fixture using a wire nut.

17: Connect the output black (-24VDC) wire from the same trim to the black wires of the same fixture using a wire nut.

18: Repeat steps 16 and 17 to connect the remaining trim to the other fixture.



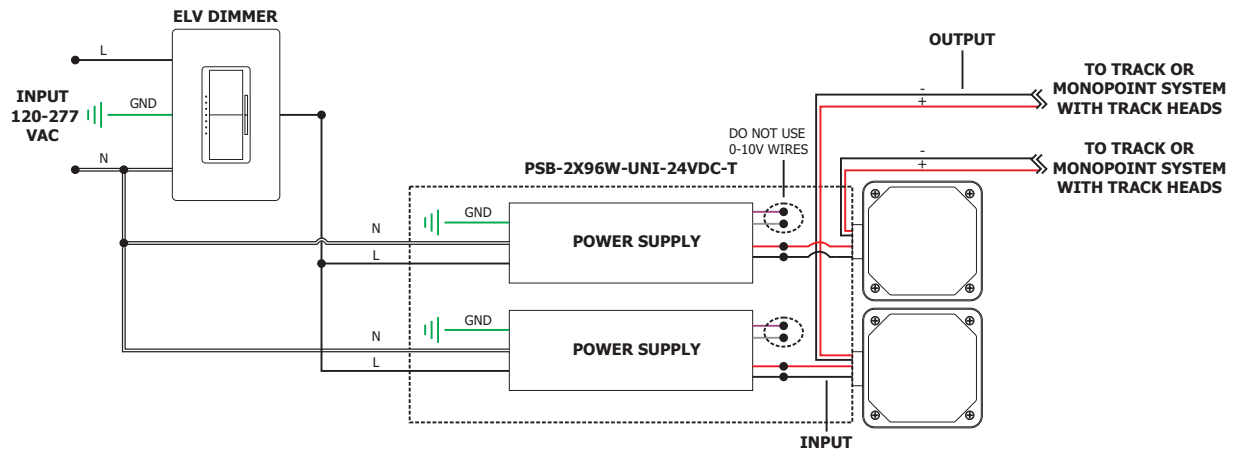
19: Replace the power supply cover and secure it by tightening the four Phillips screws.

96W, 24VDC LOW VOLTAGE WIRE SIZE CHART

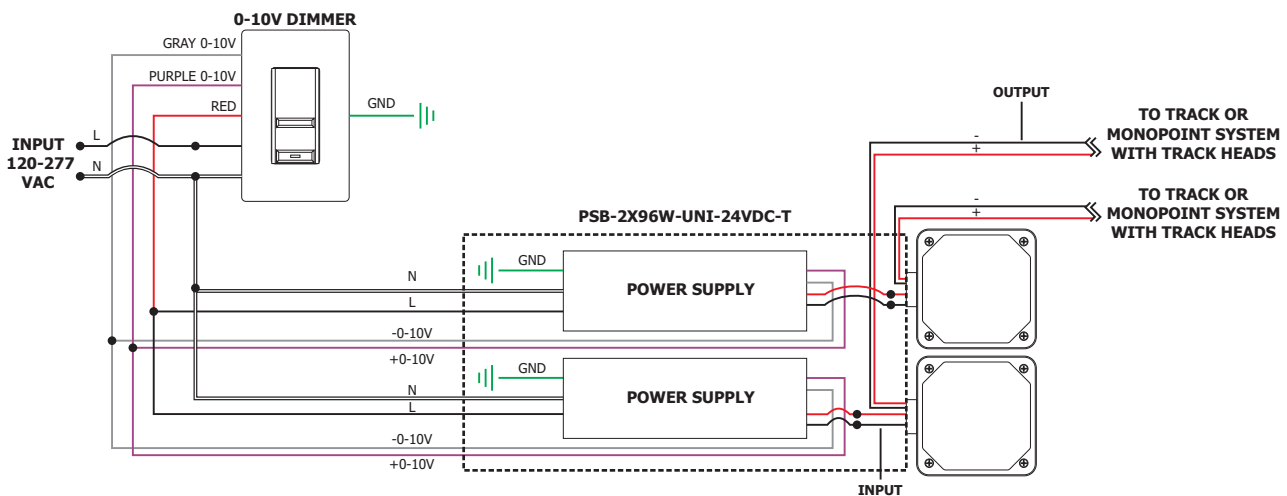
| 3% VOLTAGE DROP | WIRE LENGTH IN FT | UP TO 33FT | 34FT - 52FT | 53FT - 86FT | 87FT - 130FT |
|-----------------------|-------------------------------|------------|-------------|-------------|--------------|
| | WIRE SIZE | 14 AWG | 12 AWG | 10 AWG | 8 AWG |
| | VOLTAGE AT END OF THE WIRE | 23.28 VDC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

Wiring Diagrams

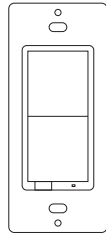
General ELV Wiring



General 0-10V Wiring



G



PURE SMART DIMMER
SWW-DIM-WH

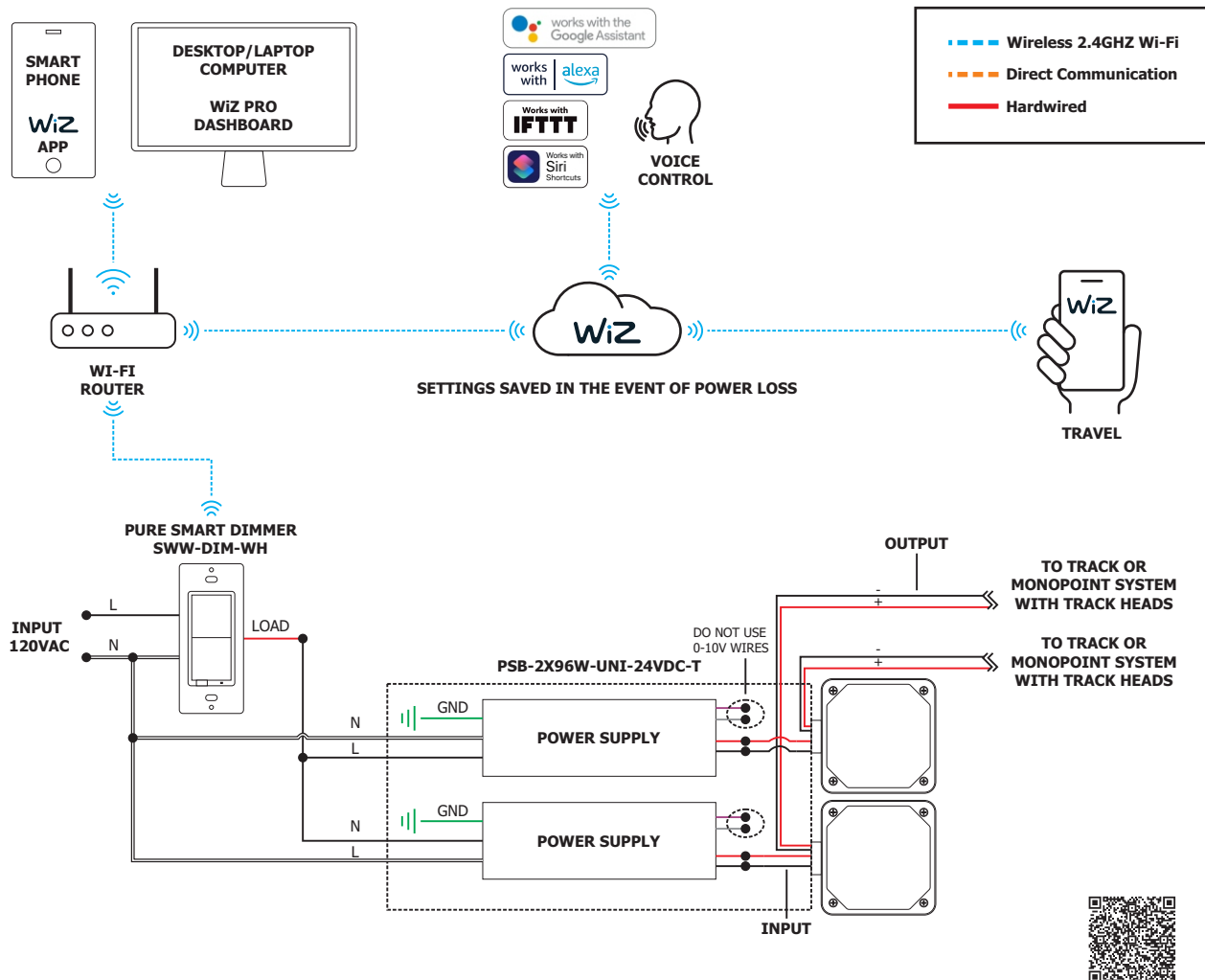
NOTE: Download the "WiZ Connected" app from either Google Play or the Apple App Store.



Pure Smart Dimmer:

20: Refer to the instructions provided with the controller and the WiZ App for complete set up.

General Wiring Diagram



<https://faq.wizconnected.com/hc/en/7-wiz-v2/faq/527-adding-wiz-lights-in-your-home/>

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Toll Free Number: **1-800-223-9477 - WiZ Pro [B2B]: Press 2 and then press 2 (Pro Installer support only)**
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