



1718 W. Fullerton Chicago, IL 60614
 Ph: 773.770.1195 • Fax: 773.935.5613
 www.PureEdgeLighting.com • info@PureEdgeLighting.com
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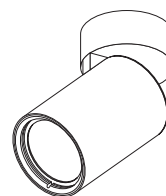
Installation Instructions for **Big Shorty Adjustable Ceiling**

BSC_-15W-__

IMPORTANT INFORMATION

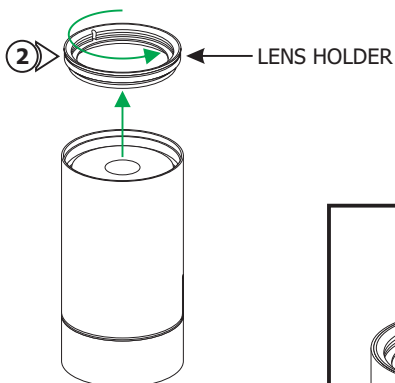
- This product is ETL listed.
- This instruction shows a typical installation.
- This product is suitable for dry locations.
- This product must be installed by a qualified electrician and in accordance with local electrical codes.

SAVE THESE INSTRUCTIONS!



Section One: Replace the Lens

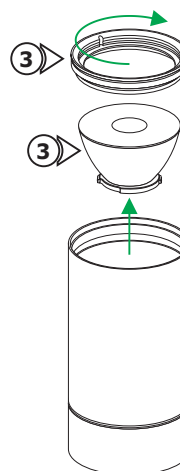
A



1: Use a pen or small Allen wrench to loosen the lens holder.

2: Unscrew the lens holder counterclockwise and remove it from the fixture.

B



3: Replace the lens and screw the lens holder back into the fixture clockwise to secure in place.

C

LENS HOLDER

4

4

SNOOT

EGG CRATE LOUVER

5

LENS HOLDER

NOTE: Omit steps 4 and 5 if not using an accessory.

4: To install the Snoot, simply place the snoot behind the lens holder.

5: To install the Egg Crate Louver, snap the Egg Crate Louver in front of the lens holder.

Section Two: 4" Square Deep Junction Box (New Construction)

D

MOUNTING BRACKET

1

JUNCTION BOX

ADJUSTABLE MOUNTING BAR

1: Mount each adjustable mounting bar to one side of the junction box and secure them with the mounting brackets and two Phillips screws provided.

NOTE: Adjustable mounting bars mount to studs that are spaced 14.5" to 25" apart.

2: Select the location between the two studs for the junction box to be mounted.

3: Place the adjustable mounting bar tabs between the studs. Secure the adjustable bars to the studs with the #8 screws.

4: Pinch anywhere on the inner edge of the mounting bars to lock in place.

E

FRONT VIEW

3

#8 SCREW

2

STUD

ADJUSTABLE MOUNTING BAR

PINCH TO LOCK

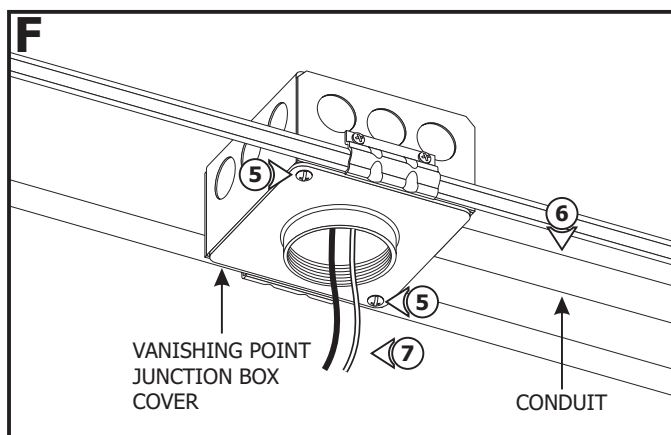
4

TOP VIEW

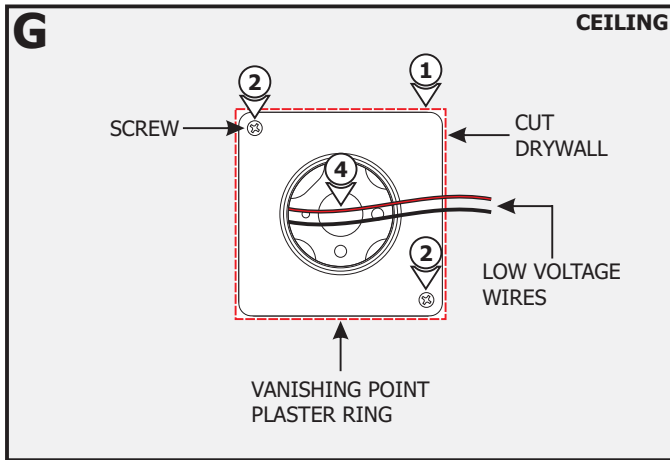
5: Install the Vanishing Point junction box cover to the junction box using two #8-32 screws.

6: Remove a knockout to install conduit to the junction box. Install conduit (if required by local electrical code).

7: Run the line voltage power wires to the junction box.



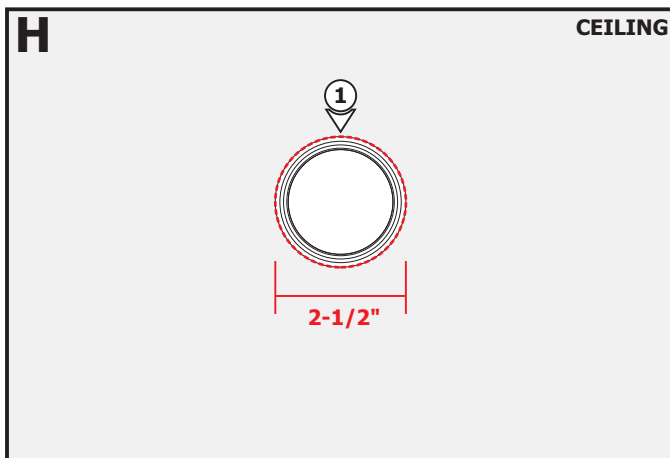
Section Three: Standard 4" Junction Box and 24V Remote Power Supply



- 1:** Cut away the drywall where the junction box is located.
- 2:** Install the Vanishing Point Plaster Ring to the junction box using two #8-32 screws.
- 3:** Plaster and finish around the junction box opening.
- 4:** Run the low voltage wires coming from the remote power supply to the junction box.

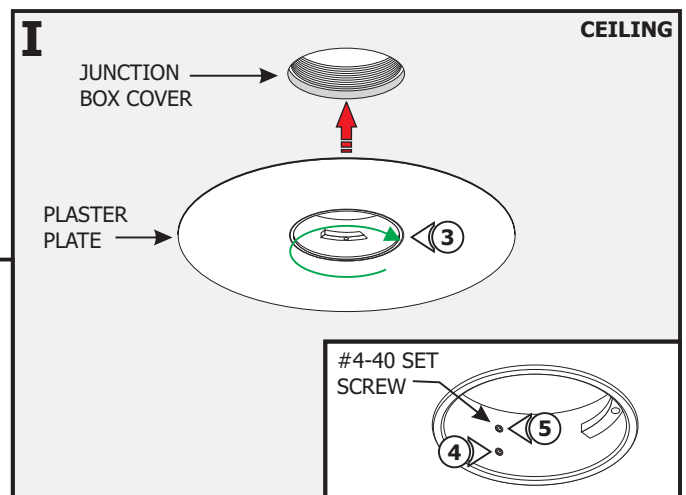
NOTE: Ensure remote power supply wires are present in the junction box. Refer to instructions provided with the power supply.

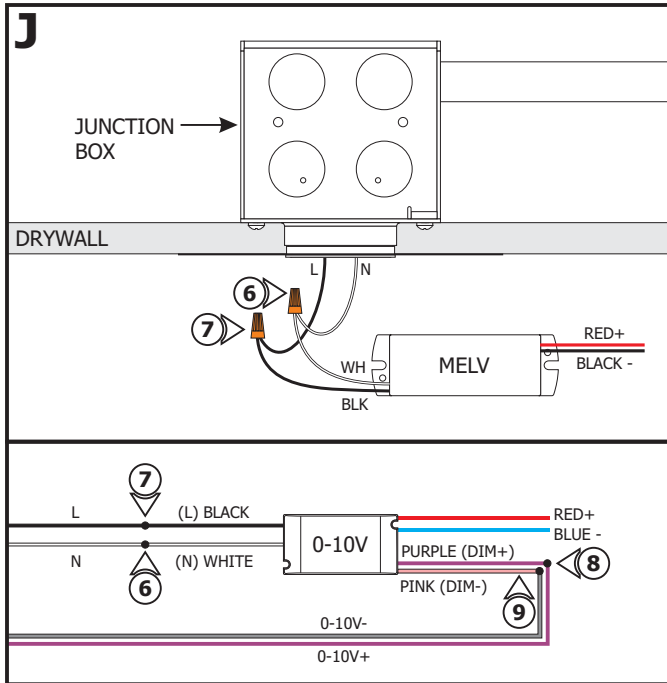
Section Four: Install the Plaster Plate



- 1:** Use a 2-1/2" hole saw to cut out the drywall section where the junction box opening is located.
- 2:** Install the drywall. If necessary, plaster and finish the drywall.

- 3:** Screw the plaster plate clockwise into the junction box cover, ensuring the plate is tight.
- 4:** If the drywall is 5/8" thick, tighten the bottom #4-40 set screw inside the plaster plate using a 0.05" Allen wrench.
- 5:** If the drywall is 3/4" and thicker, tighten the top #4-40 set screw inside the plaster plate using a 0.05" Allen wrench.





0-10V and MELV Driver:

6: Connect the white wire of the 0-10V driver or MELV driver to the neutral power wire using a wire nut.

7: Connect the black wire of the 0-10V driver or MELV driver to the line power wire using a wire nut.

0-10V Driver:

8: Connect the purple (DIM+) wire of the 0-10V driver to the 0-10V+ wire of the dimmer/switch using a wire nut.

9: Connect the pink (DIM-) wire of the 0-10V driver to the 0-10V- wire of the dimmer/switch using a wire nut.

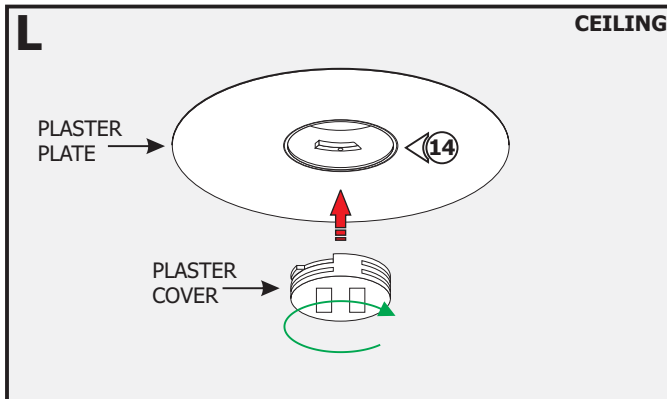
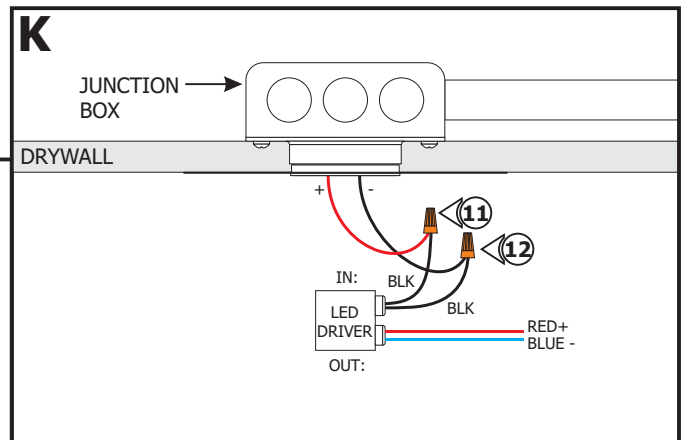
10: Place the driver and wire nut connections inside the junction box.

24V Remote Power Supply:

11: Connect one of the black LED driver wires to the +24VDC power supply wire using a wire nut.

12: Connect other black LED driver wire to the -24VDC power supply wire using a wire nut.

13: Place the LED driver and wire nut connections inside the junction box.



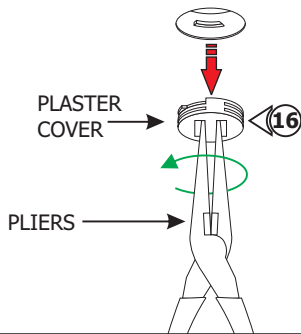
14: Rotate the plaster cover clockwise into the plaster plate.

15: Plaster, sand and paint the surface.

NOTE: For areas with lots of vibration, it is suggested to use Durabond to avoid cracking of plaster.

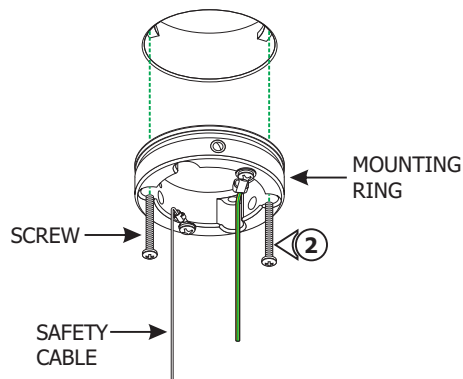
NOTE: Do Not use premixed joint compound "Soft Mud." No use compuesto para juntas premezclado "Soft Mud."

NOTE: Recommended plaster method: 1st Coat - Durabond 45 with 8" Blade, 2nd Coat - Easy Sand 45 with 10" Blade, 3rd Coat - skim coat with 12" Blade

M

16: Use pliers to rotate the plaster cover counterclockwise and remove it. Clean the hole.

Section Five: Install the Fixture

N

1: Align the holes on the mounting ring with the holes on the plaster ring.

2: Secure the mounting ring to the plaster ring using the two screws provided.

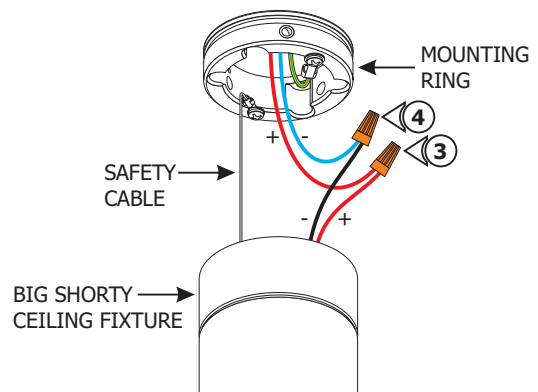
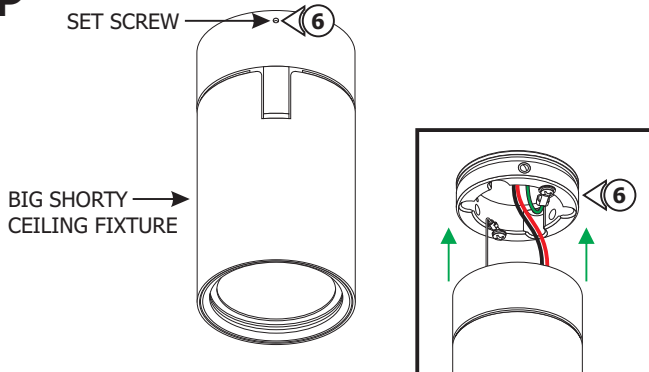
WARNING: Before connecting the fixture to the driver, ensure that power to the driver is OFF, otherwise it may cause the LED to get damaged and burn.

NOTE: Make sure the mounting ring is grounded in accordance to local electrical codes.

3: Connect the (+) wire of the driver to the red wire of the fixture using a wire nut.

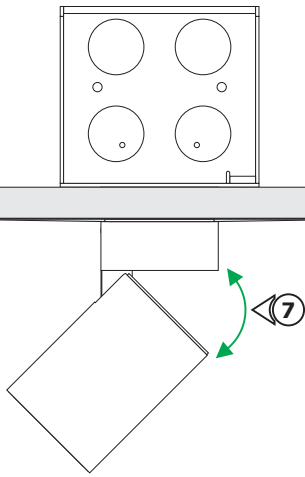
4: Connect the (-) wire of the driver to the black wire of the fixture using a wire nut.

5: Place all wire nut connections inside the junction box.

O**P**

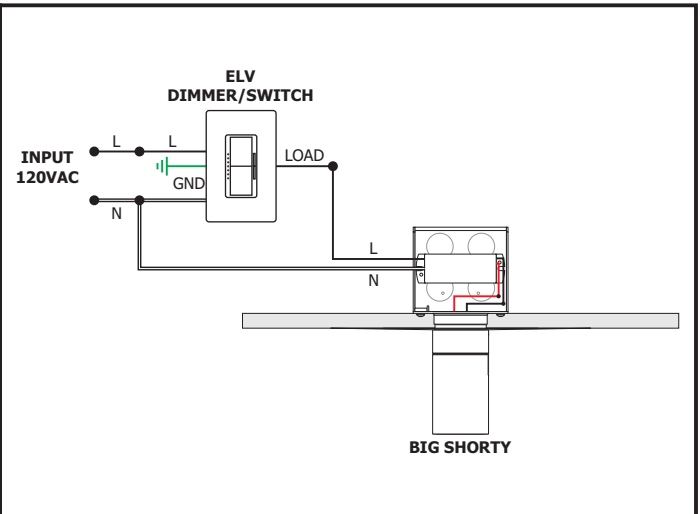
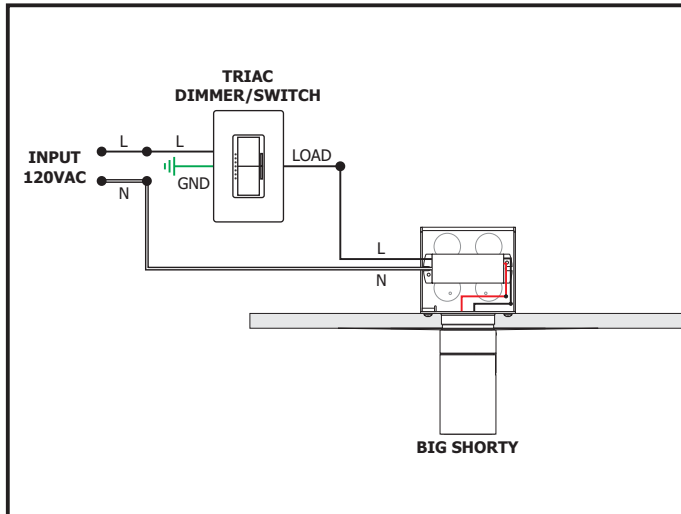
6: Push the fixture over the mounting ring and tighten the set screw on the side of the fixture using an Allen wrench to secure in place.

Q

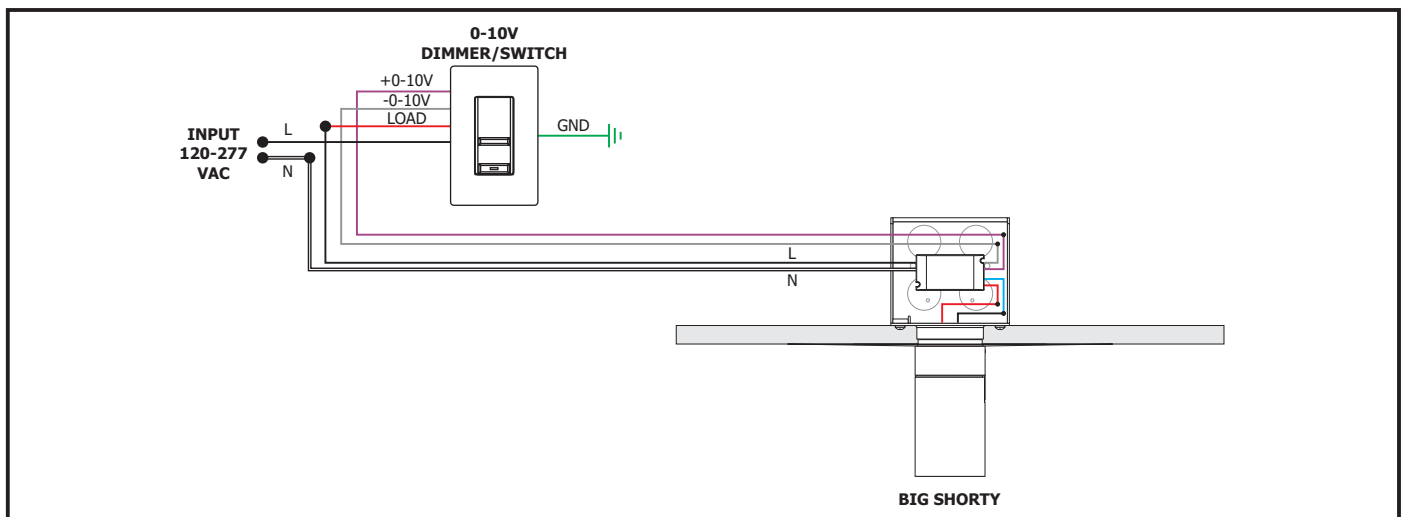


7: Adjust the angle of the fixture by rotating the body.

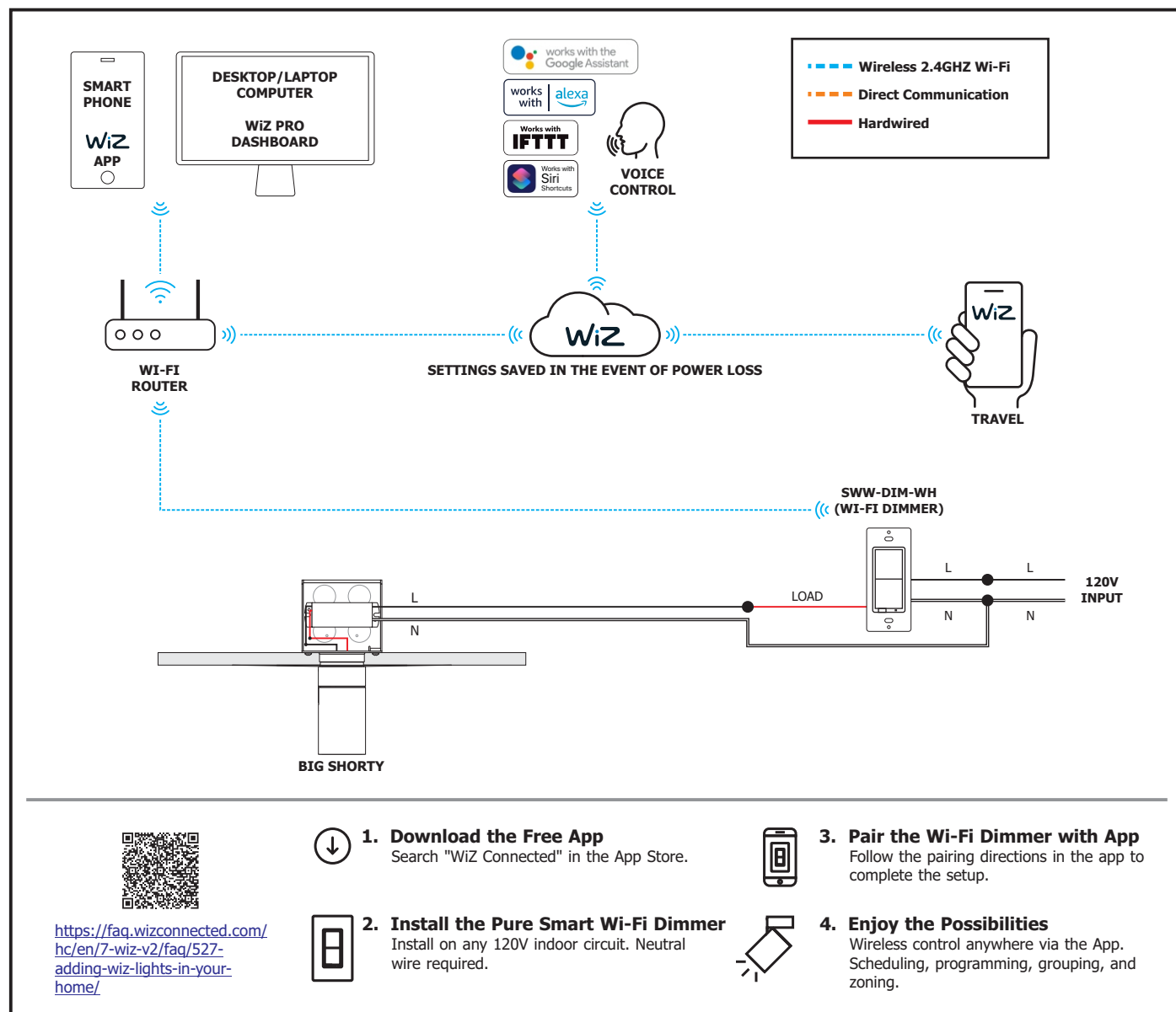
General Triac and ELV Wiring Diagram



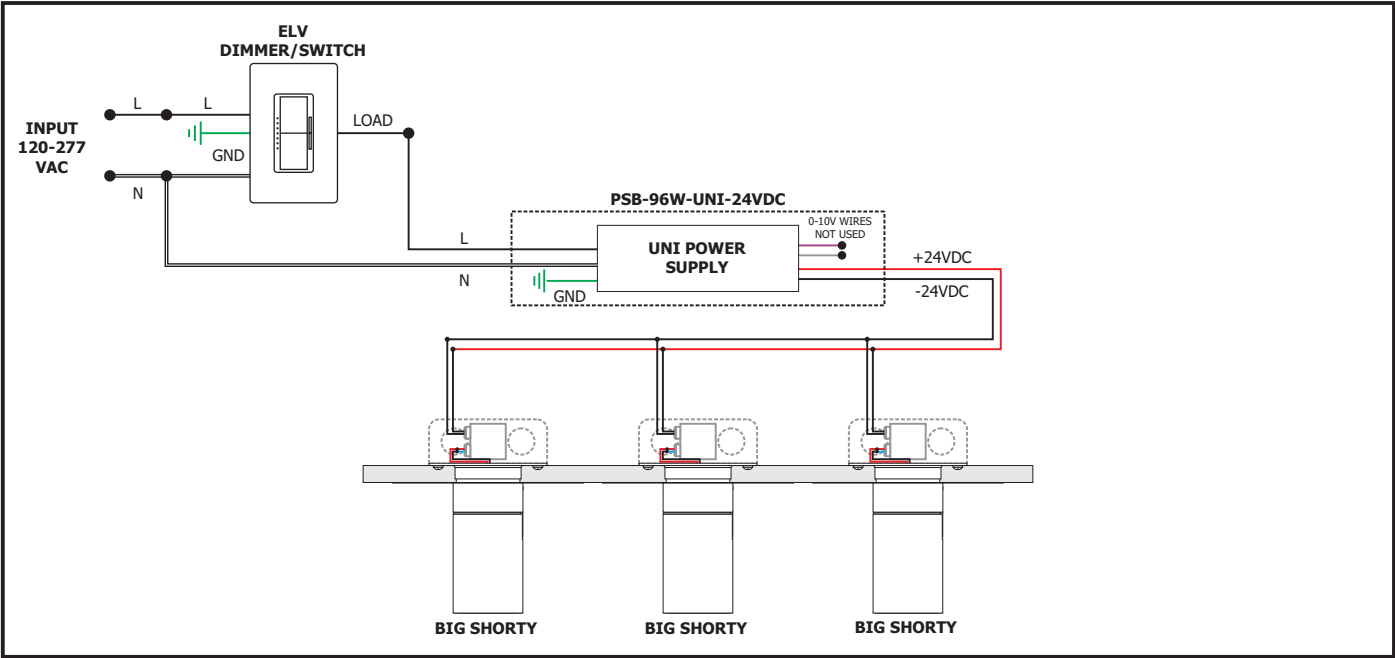
General 0-10V Wiring Diagram



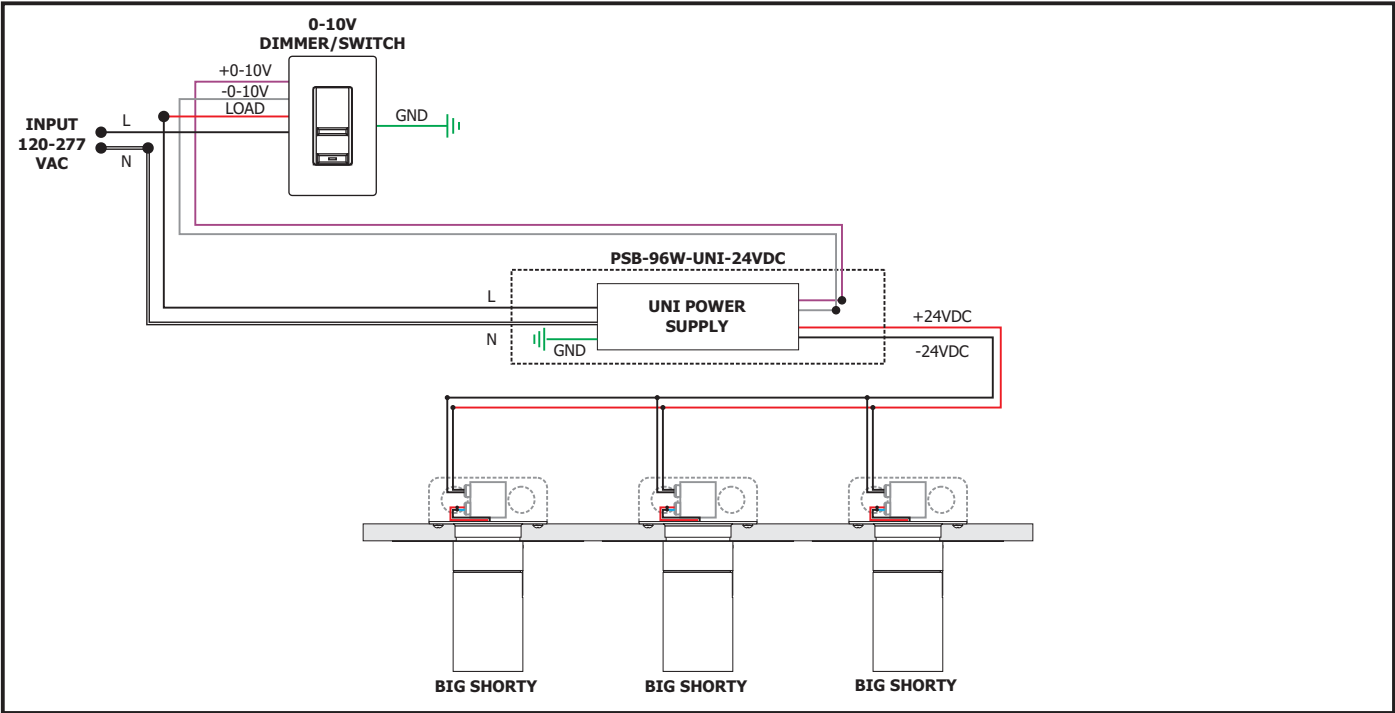
General Wiring Diagram for MELV Driver with Pure Smart WiZ Dimmer



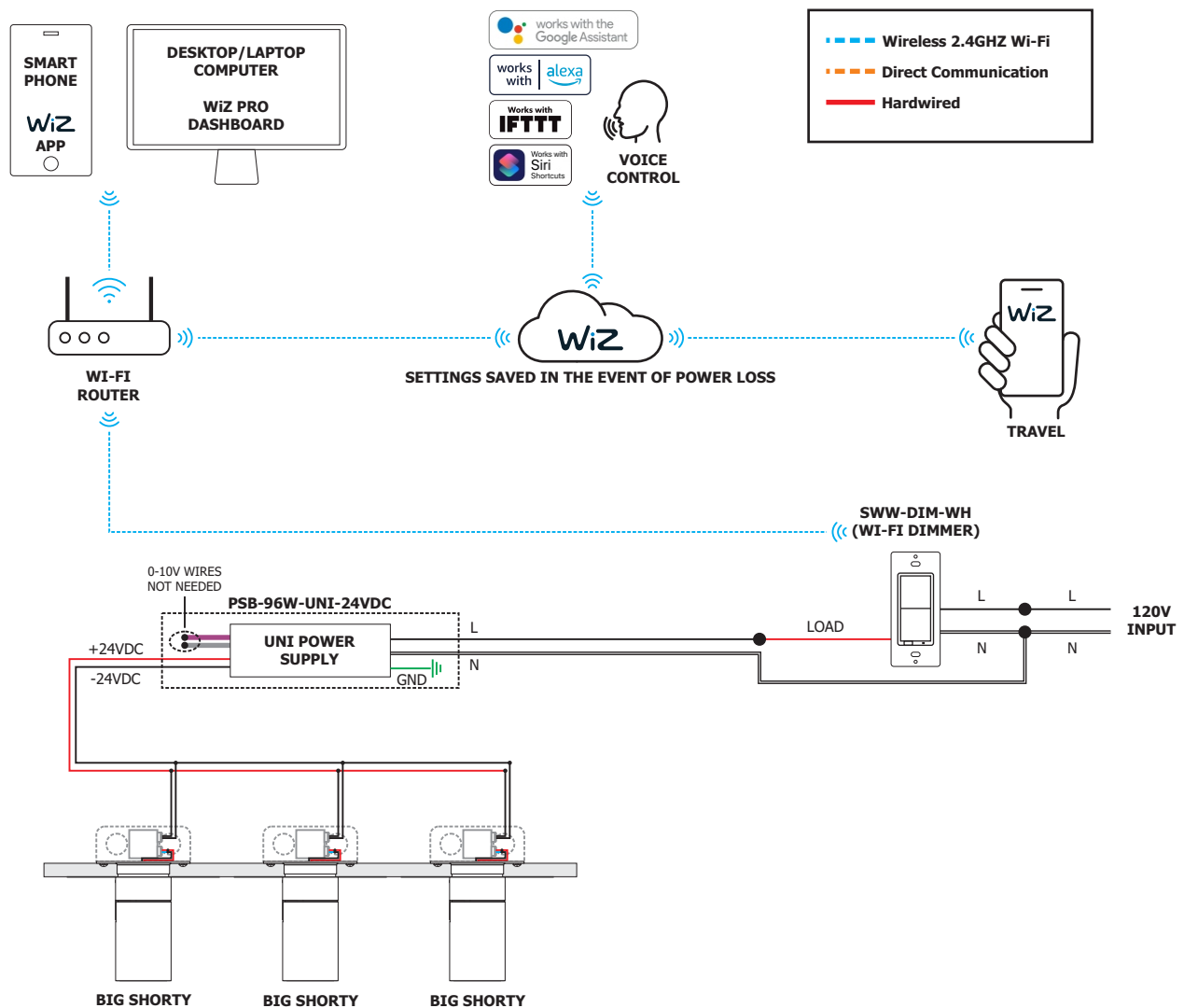
General ELV Wiring Diagram for 24V Remote Power



General 0-10V Wiring Diagram for 24V Remote Power



General Wiring Diagram for 24V Remote Power with Pure Smart WiZ Dimmer



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



- 1. Download the Free App**
Search "WiZ Connected" in the App Store.



- 2. Install the Pure Smart Wi-Fi Dimmer**
Install on any 120V indoor circuit. Neutral wire required.



- 3. Pair the Wi-Fi Dimmer with App**
Follow the pairing directions in the app to complete the setup.



- 4. Enjoy the Possibilities**
Wireless control anywhere via the App. Scheduling, programming, grouping, and zoning.