



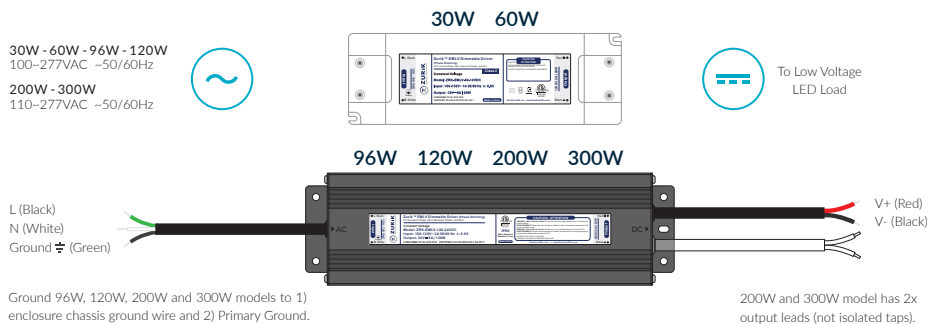
For Models		Driver Color
12V	ZRK-EMLV2-30W-12VDC (class 2)	White
	ZRK-EMLV2-60W-12VDC (class 2)	White
	ZRK-EMLV2-120W-12VDC-J	Black
	ZRK-EMLV2-200W-12VDC-J	Black
	ZRK-EMLV2-300W-12VDC-J	Black
24V	ZRK-EMLV2-30W-24VDC (class 2)	White
	ZRK-EMLV2-60W-24VDC (class 2)	White
	ZRK-EMLV2-96W-24VDC-J (class 2)	Black
	ZRK-EMLV2-120W-24VDC-J	Black
	ZRK-EMLV2-200W-24VDC-J	Black
	ZRK-EMLV2-300W-24VDC-J	Black

Zurik EMLV Dimmable Driver Installation Instructions

This driver is to be installed in accordance with Article 450 of the National Electric Code (NEC). This driver must be installed in a well-ventilated area free from explosive gases and vapors. Proper operation requires the free flow of air. As this transformer is hard-wired, it should only be installed by a qualified electrician.

Warning

- Do not reverse the line voltage polarity upon installation. This will damage the power supply.
- Risk of Electric Shock: When used outdoors, install only on a circuit protected by a Class A GFCI.
- Risk of Fire: Installation involves special wiring methods to run wiring through a building structure.
- Consult a qualified electrician. Do not install in wet locations. Install only in dry or damp locations.
- Only use with compatible dimmable LED fixtures.
- Dimmer switches have minimum load requirements. Review the specifications of the compatible dimmer.
- Modifying or disassembling this product beyond these instructions will void the product warranty.



INPUT		
Color	Symbol	Type
Green	⚡	Ground Wire
Black	L	Line (Hot)
White	N	Neutral

OUTPUT		
Color	Symbol	Type
Black (24V) (12V)	-	Negative
Red	+	Positive

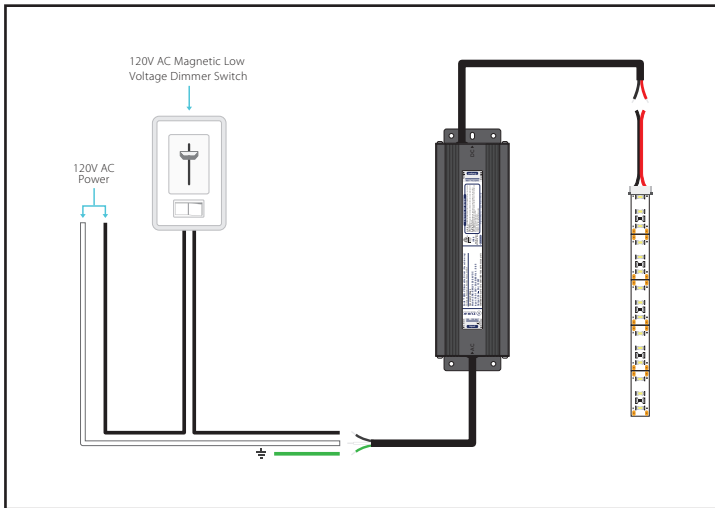
Installation

- Shut off power at the main breaker before attempting installation. Test to make sure the power is off with a multimeter.
- Use only correctly sized UL Listed wire nuts and clamp accessories with this Zurik Driver.
- All direct wire connections to the Zurik Driver must be secured inside the junction box. Make sure ALL connections are very tight.
- For easy reference, some wire connections are depicted in the diagrams outside the junction box.
- With the except of 30W and 60W units, N.E.C. requires drivers to be grounded to the GREEN grounding wire.
- Once installation is complete and connections covered, turn on power at the main breaker.
- Do not reverse the line voltage polarity upon installation. This will damage the power supply.

Mounting and Knockout Holes

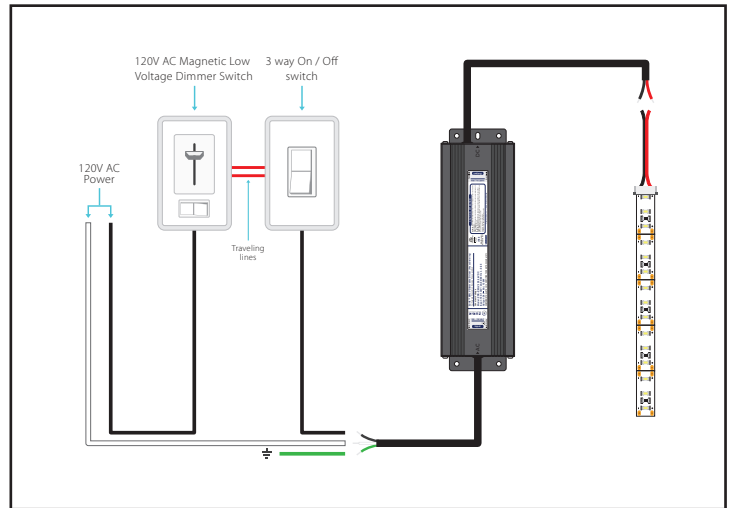
- Locations for mounting must be able to support the weight of the driver and the unit should be mounted with 10 inches of clearance for proper ventilation and should never be mounted next to or above objects radiating heat.
- Mount Driver in any orientation using four screws or appropriate hardware (not included).
- Remove wiring knockouts as needed and install $\frac{3}{8}$ " Romex connectors or bushings to reduce strain on wires.
- One knockout is reserved for input voltage while the second knockout is reserved for output voltage.

Standard Dimmable Driver Configuration



3-Way Dimmable Driver Configuration*

*Only use recommended 3-Way wall dimmer switches for 3-Way dimming applications.



TROUBLESHOOTING

Lights are non-functional

Check that main power is turned on and use a multimeter to check the DC output voltage at the lighting source.

If lights are not receiving adequate voltage ensure proper size gauge wire is installed by factoring voltage drop and amperage rating. If the output voltage is 10.5V or less for a 12V unit and less than 21V for a 24V unit, we recommend installing a heavier gauge wire between the driver and the LED load.

If lights remain unresponsive turn off main power and confirm the following:

- **Accurate wire connections** – Refer to the wiring diagrams provided for accurate wire connections. With the power off, double check to ensure accurate connections have been made.
- **Tripped main service panel circuit breaker** – Check that your installation has not tripped the circuit at the main service panel of the building. If this occurs reset the breaker. If it trips again, it is possible that there is an electrical short/defective component inside the driver or a connection issue on the AC side of the power supply. Please contact Flexfire LEDs to have your driver replaced.
- **Driver and fixture match** – ensure that the lights and the driver have the same voltage requirements (12V & 12V, or 24V & 24V)

Lights are flickering or slowly flashing

- Ensure the dimming fixture is on the list of compatible dimmers for the EMLV series.
- Check all connections are secure and ensure that the driver is not overloaded.