

E-Series EZ96

Easy J-Box Installation
 Constant Voltage LED Driver
 Phase-Cut Dimmable

Installation Guide

BEFORE YOU BEGIN



General

This driver is to be installed in accordance with Article 450 of the National Electric Code (NEC) in a suitable junction box enclosure. The driver must be installed in a well-ventilated area free from explosive gases and vapors. Since this driver is hardwired, it should only be installed by a qualified electrician.

Precautions Before Installation

Check the label and ensure the driver has the proper input voltage and wattage for the job. Check the wire markings to ensure they match the wiring diagram (below).

Output Connections

Connect the LED wires to the driver wires; positive (+) to the red wire and negative (-) to purple wire.

Quick Specs

Input Voltage	120VAC
Output Voltage	24VDC
Operating Temperature	-30°C to +40°C (-22°F to 104°F)
Location Usage	Indoor/Covered Outdoor
Dimensions (Inches)	3.6" x 2.5" x 0.9"

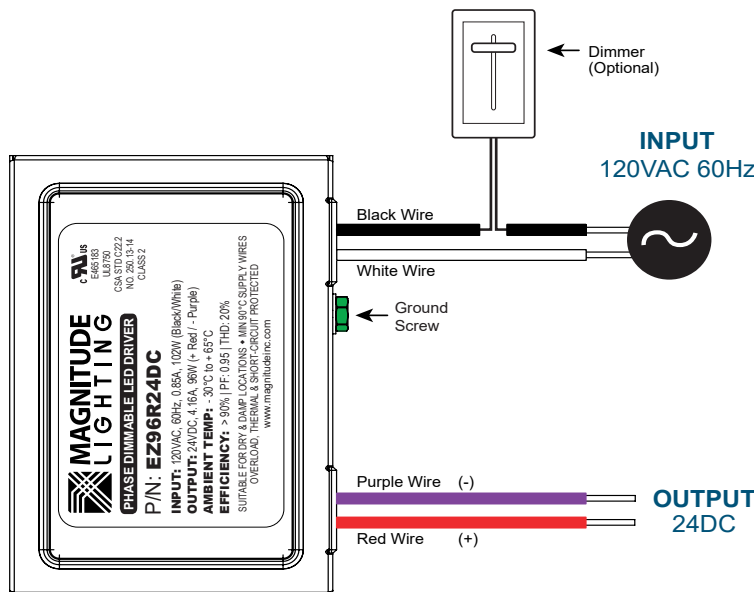
Dimming

Dimmable with any forward phase-cut TRIAC dimmer switch. Dimmer switch is to be installed on the Input (120VAC side) of the driver.

Important

Measuring the output voltage without a load will result in readings greater than the nominal voltage. 8W minimum load required.

WIRING DIAGRAM



Do not install PWM low voltage controllers on the output without consulting with Magnitude Lighting.

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Customer Service

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INSTALLATION INSTRUCTIONS

Surface mount or recessed within finished walls

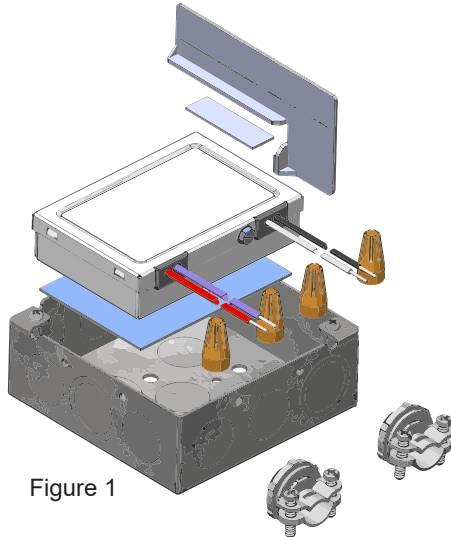


Figure 1



Figure 2

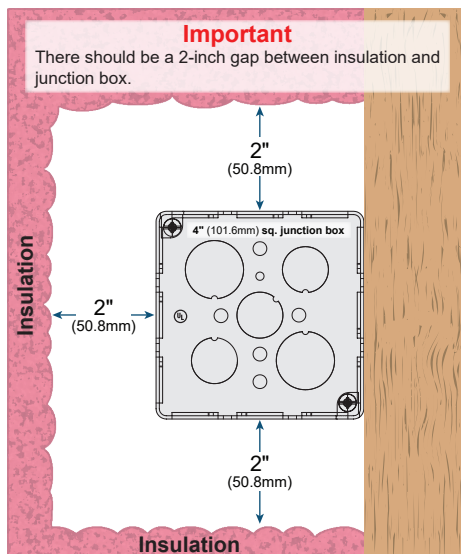
EZ96 Installation Kit Part List

Description	Qty.
EZ96 Driver	1
Low-Voltage Divider with foam tape	1
Thermal tape (back of driver)	3
4" square Junction Box	1
4" square Junction Box lid	1
wire connectors	4
cable clamps	2
Note: Ground wire is not supplied.	

The EZ96 LED driver should be installed using the metal 4" junction box supplied with the JBKIT option. The junction box can be surface-mounted or recessed into finished walls like a switch or outlet box. A UL-approved box extension and plastic 2-gang cover (example: for use with dry wall) may be used with the supplied junction box.

1. Ensure that the inside of the junction box is clean and dust free.
2. Remove the knockouts and feed the input, output wires and a ground wire through the junction box using the wire clamps that are attached to the junction box.
3. Mount the EZ96 driver to the inside of the junction box using the adhesive-backed thermal pad (Figure 1).
4. Install the low voltage divider using the supplied tape. (This divider (shown in Figure 2) is required to keep the 120V input and Class 2 low voltage output wiring separated.)
5. Attach the ground wire to the driver using the green grounding screw.
6. Connect the wires using UL-approved wire nuts or wire connectors.

Conditions for installation: Finished walls with insulation



It is recommended that the EZ96 driver is installed in walls with no insulation. However, the driver can be located within insulated walls under the following conditions:

1. The driver has to have a maximum LED load of 75W or less.
2. A 2-inch gap must be maintained between insulation and the junction box (please see the diagram at left).