



# E-Series 12V DC Transformer

40W (SKU #3577), 60W (SKU# 3578)

12V DC Class 2 Voltage LED Drivers Installation Guide



## BEFORE YOU BEGIN

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

### Precautions Before Installing

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 on this installation guide.

### Mounting

Select a suitable location capable of supporting the weight of the driver. Use the two keyholes in the driver case to mount using suitable screws. It is recommended that the driver be mounted vertically with the wiring compartment pointing down.

### Input Connections/Grounding

Remove the wiring compartment knockouts and install the clamp connectors provided with the driver. With power turned off, route 12-14 AWG Class 2 in-wall rated cable through the clamp connector and connect one wire to black and one wire to white. For all wire connections use only UL listed wire nuts and connectors of suitable size and style. Connect the ground wire to the driver green wire, *the driver case MUST be grounded in accordance with N.E.C.*

## QUICK SPECS

Input Voltage	120V AC
Output Voltage	12V DC
Operating Temperature	-20°C to 70°C (-4°F to 158°F)
Enclosure	IP67 – Dry and damp location rated
Dimensions (inch)	6.77" x 2.67" x 1.26"
Weight	17 oz

### Output Connections

Bring 16-22 AWG (18 AWG preferred) thermostat or speaker wire from light fixture through the other clamp connector and connect them to the driver wire- positive to the **red (+)** wire and negative to the **blue (-)** wire.

### Dimming

This series of drivers is compatible with most standard TRIAC dimmers. Not compatible with digital fade dimmers.

**Please Note-** *Low-level flickering may be present with certain switch models, CFL/LED switches are recommended to allow for manual adjustment of dimmer settings. For a complete list of compatible dimmers, please view the product information page.*

### To Calculate Voltage Drop

Visit [www.magniguage.magnitudeinc.com](http://www.magniguage.magnitudeinc.com)

