

Installation Instructions User's Manual

G-97636

300W Electronic Dimmable Transformer

ELV MLV And Triac/Phase Dimming



Caution:

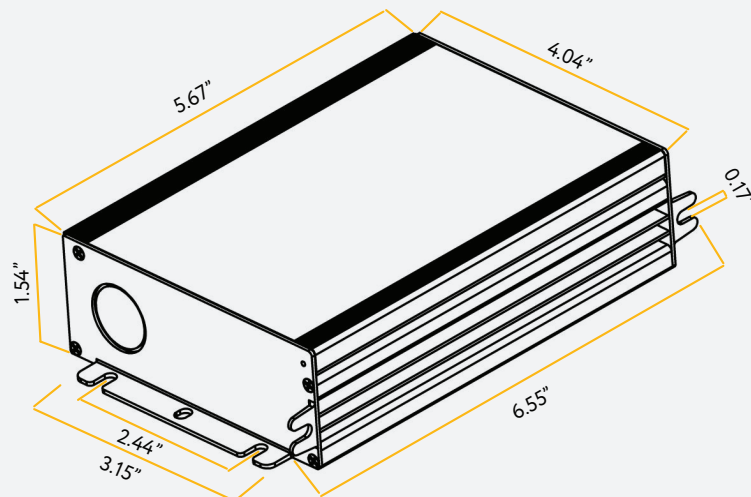
To reduce the risk of fire, electric shock, or injury to persons: Read all instructions before installing system. Installation work and electrical wiring shall be performed only by a qualified electrician in accordance to all applicable codes and standards such as NEC and local building codes, including fire-rated construction!

Warning:

1. For Connection Wires must be Rated 90°C or above.
2. Risk of Electric Shock! Please disconnect AC mains before installing.
3. There are no maintenance components inside. DO NOT OPEN the transformer enclosure.
4. DO NOT SHORT the dimming control wires to the loading wires.

Quick Specs:

- Constant Voltage Output
- Universal 120VAC input for 300W
- Single Circuit
- Super low loading request, works perfect at 20-100% load
- Variety of dimming options: ELV MLV And Triac/Phase Dimming
- For Dry/Damp/ Wet Location
- Short circuit, overload and over heat protection
- More other specifications see product label or data sheet
- **Dimension: (5.67" X 4.04" X 1.54")**



Installing Transformer



1. Be sure power is turned off before installing or modifying the unit.
2. Do not install LED Transformer in places with high ambient temperature or close to a fire source.
3. This power supply is designed to work on 120VAC line voltage. Use of any other power source will cause damage and will void the warranty.
4. Transformer installing:
 - a. Before mounting transformer, remove cover, open the wiring compartment and remove knockouts for input and output. Install strain reliefs (wire clamps). Input lead wires 18AWG and Output lead wires are 14AWG.
 - b. Push the transformer on the Fixture Mounting Area, and then fix tightly the screws on mounting holes (see) when installing the LED Transformer.
 - c. **Input connection:** Bring Positive (Black) and Negative (White) Power Lines through Strain Relief on the input side of the transformer. Connect to Black and White Transformer Leads using the correct size and UL approved Wire Nuts. Connect the Ground Wire (Green) to a suitable ground. Waterproof Wire Nuts are recommended.
 - d. **Output Connection:** Bring luminaire wires through the Strain Relief on the output side of the Transformer. Connect to the Red (+) and Black (-) Transformer Leads. Use the correct size and UL approved Wire Nuts. Make sure all connections are very tight.
 - e. **Grounding:** The LED transformer is grounded to the enclosure. The enclosure in turn should be grounded in accordance with NFC and local code. Connect the green Transformer wire to the ground.
 - f. **Assembly:** replace the cover and screw tightly.
 - g. Please follow the wire range and strip length for each connector type.

Wiring Diagram

