PROJECT NAME:_____ CAT. #: _____

NOTES:_____ FIXTURE SCHEDULE:_____

TRIAC CONVERTER 0-10V WITH 12V AUX



TRC-600W-010V

Specifications

Specifications	TRC-600-W-010V
Operating Voltage	120-277V
Operating Frequency	50/60Hz
Max Load Current	2.1A
Input Signal Dimming	Analog 0-10V (Linear)
Output Dimming	Forward/Reverse Phase Dimming
Output Aux Power	12V 100mA max
Factory Reset	RESET Button
Safety	cULus Listed E511069 Light-emitting-diode Controllers
FCC	47 CFR Part 15, Subpart A
Operating Temperature	32°F to 104°F (0°C to 40°C)
Relative Humidity	8-80% non-condensing
Color	White
Dimensions	3.24" x 2.16" x 1.22" (LxWxH)
Warranty	5 Year warranty. Check maxlite.com/warranties for details.

Ordering Information

MODEL NUMBER	DESCRIPTION	UPC	ORDER CODE
TRC-600W-010V	TRIAC CONVERTER 0-10V WITH 12V AUX	767627055805	110875

Overview

TRC-600W-010V powerpack converts 0-10V to Triac load dimming. The powerpack features 12V signal to power up sensors and when connected with other Bluetooth 0-10V devices (sensors or nodes), one can add wireless network controls with TRIAC dimmable loads (e.g Downlights or Chandeliers).

Applications

Ideal for retrofit or new construction applications with existing Triac or ELV dimming load (e.g Downlights/Chandeliers)

- Office, Showroom, Lobby
- Retail/Hospitality
- Schools/University
- Multi-family Residential

Features

- Convert 0-10V signal to TRIAC dimming
- Class 2 device with standard 1/2" threded nipple to easily attach to a junction box
- Built-in 0 -10V interface to connect to sensor, node or dimmer
- Compatible with universal 0-10V signal
- Integrated 12V Aux power supply output enables users to connect sensors and IoT applications
- Compatible with c-Max Lighting controls (low voltage sensor or nodes) for flexible control
- Support reverse edge (trialing edge) type LED driver
- 5 years warranty

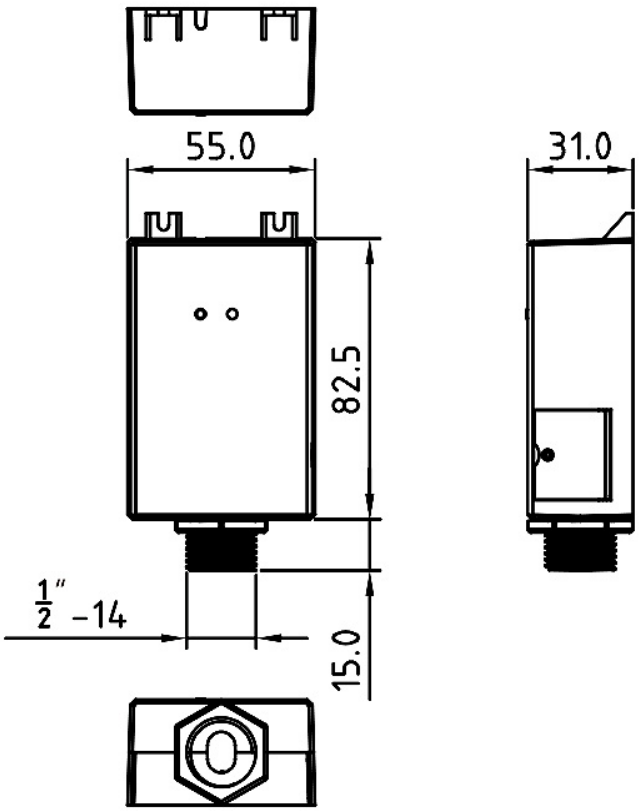
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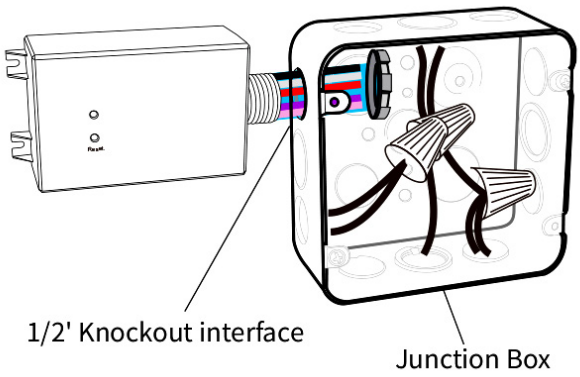
TRIAC CONVERTER 0-10V WITH 12V AUX

Compatibility Table

LOAD SYMBOL	LOAD TYPE	D TYPE
	Incandescent Lighting HV Halogen Lamps	1*252W @ 120V 1*415W @ 277V
	Low Voltage Halogen Lighting with Electronic Transformers	1*252W @ 120V 1*415W @ 277V
	Dimmable LED Lamps/Drivers	1*126W @ 120V 1*207W @ 277V

Product Dimensions





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TRIAC CONVERTER 0-10V WITH 12V AUX

Wiring Diagram

1. **TRC-600W-010V: Using 0-10V Dimmer:**
Connect the TRC-600W-010V to the junction box or luminaire following the wiring diagram. (**FIG. 2**)

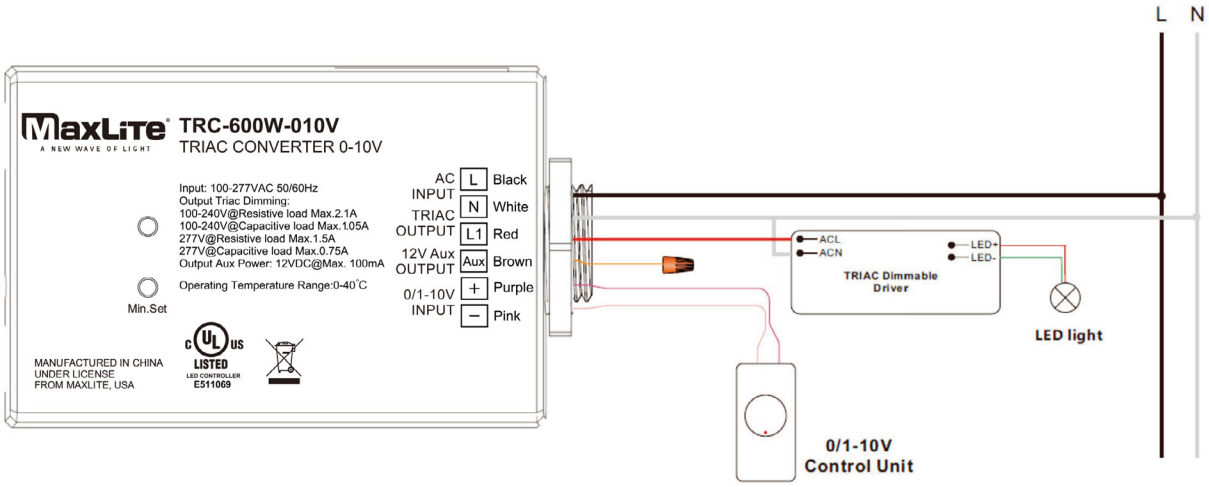


FIG. 2

2. **TRC-600W-010V: Using low voltage sensors:**
Connect the TRC-600W-010V to the junction box or luminaire following the wiring diagram. (**FIG. 3**)

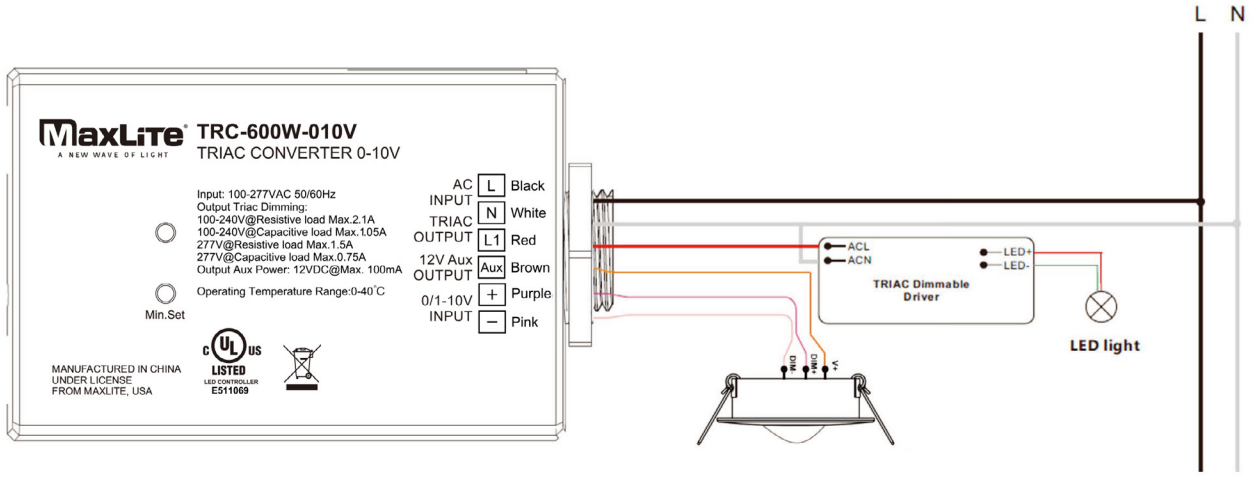


FIG. 3

Commissioning

TRC-600W-010V, when combinded with a c-max lighting control sensor or network controlled node, will convert the 0-10V signal to triac dimming. A triac load can now be easily networked and commissioned.

Visit www.maxlite.com/cmax for How-to-Videos and a comprehensive commissioning guide.

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