

## MODEL OT-96



## HIGHLIGHTS

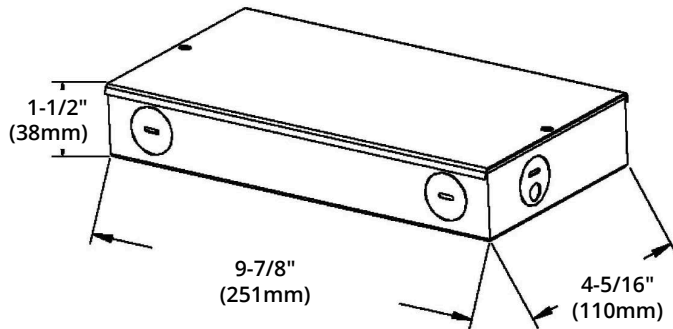
- Maximum 96W constant voltage phase TRIAC dimmable class 2 Driver for LED lighting and moving sign applications
- Offers strong compatibility, flicker-free dimming as well as high efficiency: up to 80%
- Fully isolated metal case — cooling by air convection
- Integrated junction box for hard wire installation

## SPECIFICATIONS

Model	OT-96
Input Voltage	120V AC
Output Voltage	12V DC
Maximum Wattage	96W
Amps	8A
Dimmable	Yes
Grade of Protection	IP 20
Frequency Range	50-60Hz
Power Factor	0.75 (Full loading)
Efficiency (Typ.)	80%
AC Current (Max.)	1.6A
Short Circuit	Short and Open circuit protection
Over Loading	≤ 120%
Operating Temperature	-20°C ~ +45°C
Warranty	5 years

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## DIMENSIONS

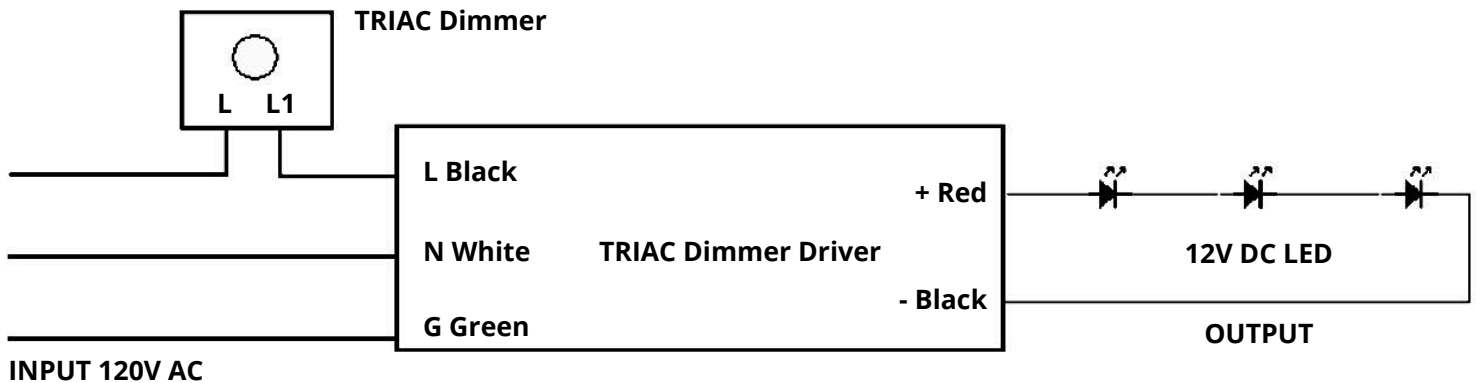
**Important Reminder**

- All parameters if NOT specially mentioned are measured at 120V AC input, rated load and +25°C of ambient temperature
- To extend the driver's lifespan, please reduce the loading at lower input voltage
- Loading should be 5%-100%

**Dimming Operation**

- The Pulse-Width Modulation (PWM) of output voltage can be adjusted through input terminal of the AC phase line (L) by connecting a TRIAC dimmer
- Usually matching with leading edge / Forward Phase TRIAC Dimmers (can be customized as a driver only matching trailing edge / reverse phase TRIAC Dimmers if needed)
- Please try to use dimmers with power at least 2.5 times as the output power of the driver
- For Forward phase, magnetic low voltage and TRIAC dimmers

## WIRING DIAGRAM



Reference	QTY.	Remarks	Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Submitted by:
			Date:

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