ORTECH®
Product Specification Sheet

LED DRIVER
OT-60D

HIGHLIGHTS

Constant Voltage 60W Class 2 TRIAC Dimming Driver for LED lighting

- Output constant voltage
- AC input: 108-127V AC
- High efficiency: up to 86%
- Protection: short circuit/Over voltage
- Integrated junction box for hard wire installation
- Fully isolated steel case - Cooling by air convection
- Strong compatibility, flicker-free dimming
- Suitable for dry or damp location use

12 VOLT | 108-127V AC | CLASS 2

CERTIFICATIONS

DIMMABLE

c ETL us Intertek

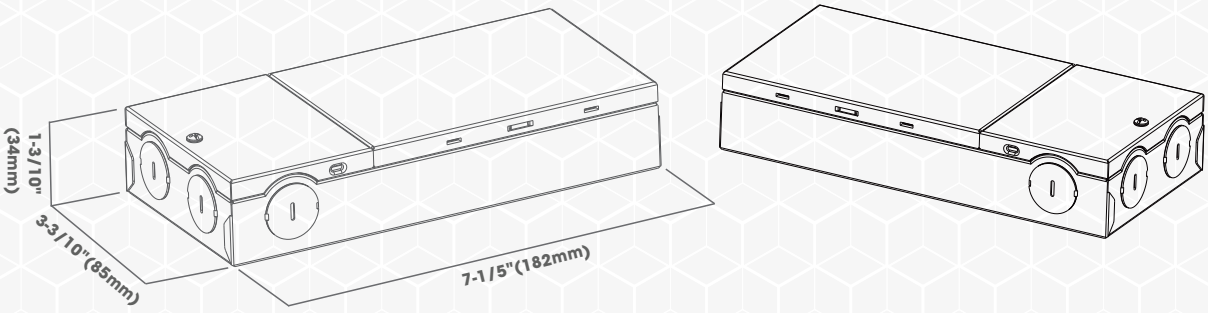
COMPATIBLE WITH

PUK LIGHTS | STEP LIGHTS | STRIP LIGHTS

SPECIFICATIONS

MODEL	OT-60D
Input Voltage	108-127V AC
Output Voltage	12V DC
Maximum Voltage	60W
Rated Current	5A
Dimmable	Yes
Working Humidity	20~90%RH, non-condensing
Storage Temperature Humidity	-40~+60°C, 10~95%RH
Grade Of Protection	IP20
Withstand Voltage	I/P-O/P:1500VAC
Isolation Resistance	I/P-O/P:100M Ω /500VDC/25°C/70% RH
Short Circuit	Hiccup mode, recover automatically after fault condition is removed
Overloading	≤120%
Operating Temperature	-20°C ~ +40°C

DIMENSIONS



5 YEAR WARRANTY

ORTECH reserves the right to modify at any time, without notice, any or all of our product's features, designs, components and specifications to meet market changes.

www.ortechindustries.ca | TF 1.888.543.6473 | 13376 Comber Way, Surrey, BC V3W 5V9 | 205 Summerlea Road, Brampton, Ontario | info@ortechindustries.com | 604.543.6473

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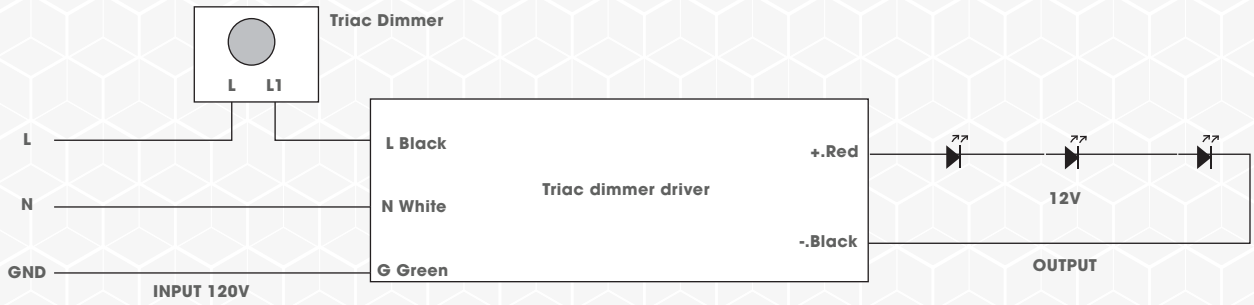
DIMMING OPERATION

- The Pulse-Width Modulation (PWM) of output voltage can be adjusted through input terminal of the AC phase line(L) by connection a triac dimmer.
- Usually matching with leading edge/Forward Phase Triac Dimmers (Can 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

NOTES

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

WIRING DIAGRAM



INSTRUCTIONS

- This driver should be installed by a qualied professional.
- Please make sure the transformer is installed with adequate ventilation around it to allow for heat dissipation.
- Ensure that wiring is correct before testing in order to avoid light and power supply damage.

WARNING

- Prevent to reverse polarity.
- Risk of Fire. Installation Involves special wiring methods to run wiring through a building structure. Consult a qualified electrician.
- Risk of Electric Shock. Mount the unit at a height greater than 1 foot from the ground surface.

REFERENCE	QUANTITY	REMARKS	PROJECT DETAILS
			Project:
			Location
			Architect:
			Engineer:
			Contractor:
			Submitted By:
			Date:

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