

LED DRIVER OT-24D



HIGHLIGHTS

Constant Voltage 24W Class 2 TRIAC Dimming Driver for LED lighting

- Output constant voltage
- AC input: 100-130V AC
- High efficiency: up to 82%
- 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



CERTIFICATIONS



COMPATIBLE WITH

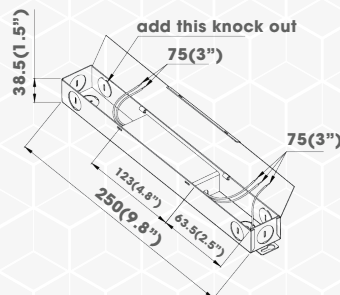
PUK LIGHTS | STEP LIGHTS | STRIP LIGHTS



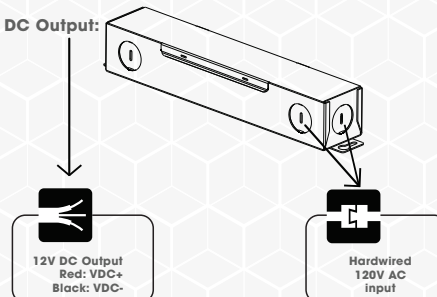
SPECIFICATIONS

MODEL	OT-24D
Input Voltage	100-130V AC
Output Voltage	12V DC
Maximum Voltage	24W
Rated Current	2A
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	$\leq 120\%$
Operating Temperature	-30°C ~ +45°C

DIMENSIONS



DC Output:



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.



LED DRIVER OT-24D

DIMMING OPERATION

- The Pulse-Width Modulation (PWM) of output voltage can be adjusted through input terminal of the AC phase line(L).
- Usually matching with leading edge (Can customized as a driver only matching trailing edge).
- 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.

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 10-100%.

WIRING DIAGRAM



INSTRUCTIONS

- This driver should be installed by a qualified 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:

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.

