

## LED DRIVER OT-24D-24V



### HIGHLIGHTS

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

- Output constant voltage
- AC input: 108-132V AC
- High efficiency: up to 80%
- 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

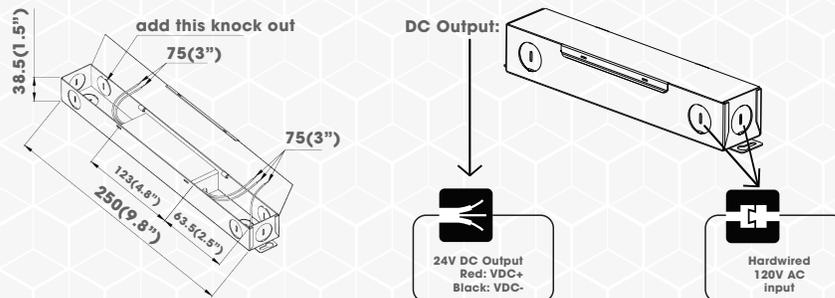
PUK LIGHTS | STEP LIGHTS | STRIP LIGHTS



### SPECIFICATIONS

MODEL	OT-24D-24V
Input Voltage	108-132V AC
Output Voltage	24V DC
Maximum Voltage	24W
Rated Current	1A
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	-25°C ~ +45°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.

## LED DRIVER OT-24D-24V

### 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
			<b>Project:</b>
			<b>Location:</b>
			<b>Architect:</b>
			<b>Engineer:</b>
			<b>Contractor:</b>
			<b>Submitted By:</b>
			<b>Date:</b>

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