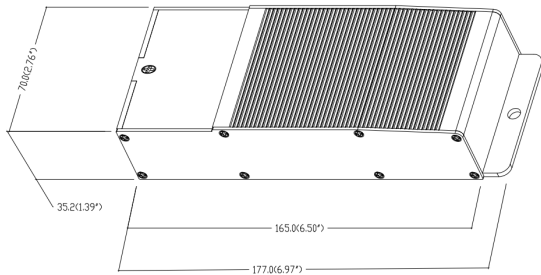


# Constant Voltage Phase/Triac dimmable driver---96W series



## ■ Features:

- Output constant voltage
- Universal AC input: 120-277VAC
- High efficiency :up to 87%
- Protection: short circuit / Over voltage.
- Integrated junction box for hard wire installation.
- Fully isolated metal case - Cooling by air convection.
- 3 years warranty.
- ETL certification, Class 2.
- Strong compatibility, flicker-free dimming
- Suitable for LED lighting and moving sign applications and others
- Suitable for dry or damp location use, IP20



## ■ Specification

<b>Model</b>		<b>LD-ED-UNV60-24</b>
<b>Certificates</b>		ETL Class 2
<b>Output</b>	DC Voltage	24V
	Rated current	4A
	Rated power	96W
<b>Input</b>	Voltage Range	120-277VAC
	Frequency Range	47~63HZ
	Power Factor	0.9(Full loading)
	Efficiency (Typ.)	87%
	AC Current (Max.)	1.1A
<b>Protection</b>	Short Circuit	Hiccup mode, recover automatically after fault condition is removed
	Over Loading	≤150%
<b>Environment</b>	Working TEMP.	-25°C to 40°C.
	Working Humidity	20~90%RH, non-condensing
	Storage TEMP. Humidity	-40~+60°C, 10~95%RH
<b>Safety&amp; EMC</b>	Safety standards	UL8750
	Withstand voltage	I/P-O/P:1500VAC
	Isolation resistance	I/P-O/P: 100MΩ/500VDC/25°C/70%RH
<b>Others</b>	Net. Weight	643g
	Size	177*70*35.2mm (L*W*H)
<b>Notes</b>	1. All parameters if NOT specially mentioned are measured at 120VAC input , rated load and 25°C of ambient temperature. 2. To extend the driver's using life ,please reduce the loading at lower input voltage. 3.Loading should be 5-100%.	

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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

### ■ 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.

### ■ Connecting Diagram

