



# KTLD-100-UV-24V

## CONSTANT VOLTAGE LED DRIVER

VERSION D2



### DESCRIPTION

LED Driver | 100W | 24V Constant Voltage Output | 120-277V Input

<b>DRIVER TYPE:</b> Constant Voltage LED Driver
<b>MAX. POWER:</b> 96W
<b>INPUT VOLTAGE:</b> 120-277Vac $\pm 10\%$
<b>OUTPUT VOLTAGE:</b> 24Vdc
<b>DIMMING:</b> Fixed Output
<b>WARRANTY:</b> 5 Years



### PRODUCT FEATURES

- Meets FCC 47 CFR Part 15 (Class B) Consumer Limits
- Over Current and Short Circuit Protection
- Suitable for Dry and Damp Locations
- UL Listed
- Class 2 Output
- 85°C/185°F Maximum Case Temperature
- Input Frequency: 50/60 Hz
- THD: < 20%

### ELECTRICAL SPECIFICATIONS

Family	INPUT CHARACTERISTICS			OUTPUT CHARACTERISTICS				FEATURES
	Input Voltage	Power Factor	Max. Current	Max. Output Power	Max. Current	Min. Current	Output Voltage	Efficiency
100W	120-277Vac	>0.9	1.2A @ 120V 0.6A @ 277V	96W	4A	0A	24Vdc*	88%

\*When current draw is more than 4A (such as power on transient), the driver is working at CC mode to keep output current at 4A and Vout will reduce in order to keep constant output power. Vout range is as low as 15Vdc in this mode.

### PHYSICAL SPECIFICATIONS

#### CASE DIMENSIONS

	<b>LENGTH</b>	9.50"
	<b>WIDTH</b>	1.70"
	<b>HEIGHT</b>	1.18"
	<b>MOUNTING</b>	8.90"
	<b>CASE STYLE</b>	L5

#### STANDARD LEAD LENGTHS\*

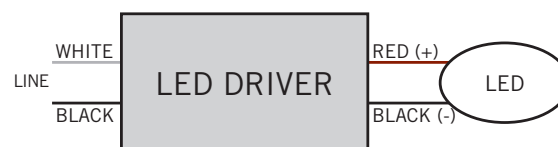
<b>BLACK</b>	10.5"
<b>WHITE</b>	10.5"
<b>BLACK</b>	13"
<b>RED</b>	13"

Lead wires are 18 AWG  
105°C/ 600V, stranded tinned.

**CASE MATERIAL:** Metal

\*Consult Keystone for special lead length requirements.

### WIRING DIAGRAM





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### ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KTLD-100-UV-24V-CP	Carton Pack	Pending	Active

### CATALOG NUMBER BREAKDOWN

# KTLD-100-UV-24V-CP

