



# KTLD-100-UV-12V

## CONSTANT VOLTAGE LED DRIVER



### DESCRIPTION

LED Driver | 100W | 12V 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 ±10%
<b>OUTPUT VOLTAGE:</b> 12Vdc
<b>DIMMING:</b> Fixed Output
<b>WARRANTY:</b> 5 Years



### PRODUCT FEATURES

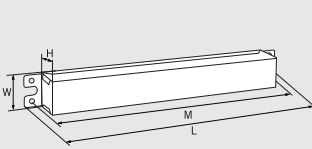
- Meets FCC 47 CFR Part 15 (Class B) Consumer Limits at 120V Input and (Class A) Non-Consumer Limits at 277V Input
- Over Current and Short Circuit Protection
- Type 1 Outdoor, Suitable for Dry and Damp Locations
- UL 8750 Recognized Component LED Power Unit
- Class 1 Output
- 90°C/194°F Maximum Case Temperature
- Input Frequency: 50/60 Hz
- THD: < 20%

### ELECTRICAL SPECIFICATIONS

Family	INPUT CHARACTERISTICS				OUTPUT CHARACTERISTICS				FEATURES
	Input Voltage	Input Power	Power Factor	Max. Current	Max. Output Power	Max. Current	Min. Current	Output Voltage	Efficiency
100W	120-277Vac	114W	>0.9	0.94A @ 120V 0.41A @ 277V	96W	8A	0A	12Vdc	84%

### 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>	12.00"
<b>WHITE</b>	12.00"
<b>BLUE</b>	12.00"
<b>RED</b>	12.00"

Lead wires are 18 AWG  
105°C/ 600V, solid copper.

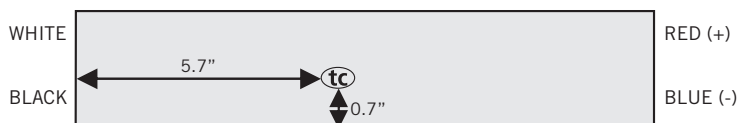
**CASE MATERIAL:** Metal

\*Consult Keystone for special lead length requirements.

### WIRING DIAGRAM



### HOT SPOT LOCATION



Actual tc point is noted on each LED driver label.



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### ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KTLD-100-UV-12V-CP	Carton Pack	Pending	Active

### CATALOG NUMBER BREAKDOWN

# KTLD-100-UV-12V-CP

1

2

3

4

5

- 1 Keystone Technologies LED Driver
- 2 Max. Output Wattage
- 3 120~277V Input
- 4 Output Voltage
- 5 Case Style