



KTLD-100-UV-12V

CONSTANT VOLTAGE LED DRIVER



DESCRIPTION

LED Driver | 100W | 12V Constant Voltage Output | 120-277V Input

DRIVER TYPE: Constant Voltage LED Driver
MAX. POWER: 96W
INPUT VOLTAGE: 120-277Vac $\pm 10\%$
OUTPUT VOLTAGE: 12Vdc
DIMMING: Fixed Output
WARRANTY: 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%

SPECIFICATIONS

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

	LENGTH	9.50"
	WIDTH	1.70"
	HEIGHT	1.18"
	MOUNTING	8.90"
	CASE STYLE	L5

STANDARD LEAD LENGTHS*

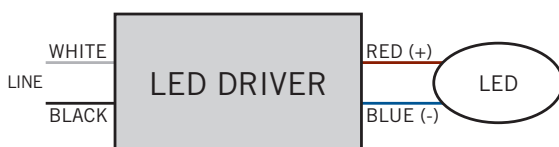
BLACK	12.00"
WHITE	12.00"
BLUE	12.00"
RED	12.00"

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

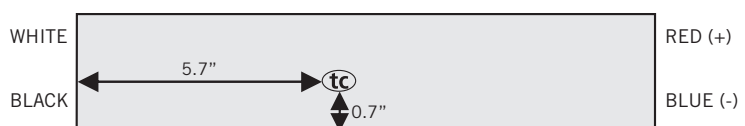
CASE MATERIAL: Metal

*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

Keystone Technologies LED Driver	Maximum Power (W)	120-277V Input	12V Rated Constant Output Voltage	Packaging Style
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