



KTLD-80-UV-24V

CONSTANT VOLTAGE LED DRIVER

DESCRIPTION

LED Driver | 80W | 24V Constant Voltage Output | 120-277V Input



DRIVER TYPE: Constant Voltage LED Driver

MAX. POWER: 80W

INPUT VOLTAGE: 120-277Vac $\pm 10\%$

OUTPUT VOLTAGE: 24Vdc

DIMMING: Fixed Output

WARRANTY: 5 Years

PRODUCT FEATURES

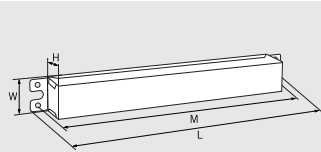
- Meets FCC 47 CFR Part 15 (Class B) Consumer Limits at 120V Input and (Class A) Non-Consumer Limits at 277V Input
- Over Current and Short Circuit Protection
- Type 1 Outdoor, Suitable for Dry and Damp Locations
- UL Pending
- Class 2 Output
- 90°C/194°F Maximum Case Temperature
- Input Frequency: 50/60 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
80W	120-277Vac	93W	>0.9	0.86A @ 120V 0.40A @ 277V	80W	3.3A	0A	24Vdc	86%

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.

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40°C/-40°F to 60°C/140°F
Storage Temperature	-40°C/-40°F to 85°C/185°F
Humidity	5% to 95%
MTBF	221,000 hours at 40°C/104°F ambient (~70°C/~158°C case temp)
Life Rating	87,500 hours at 120Vac input, 100% load and 60°C/140°F case temperature
Maximum Case Temperature	90°C/194°F
Maximum Case Temperature (tc) for 5-Year Warranty	80°C/176°F



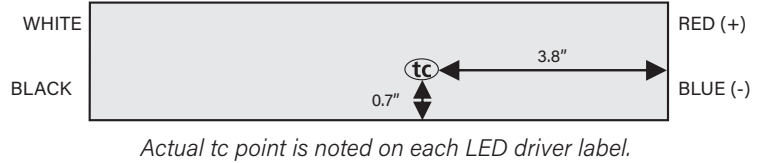
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WIRING DIAGRAM



HOT SPOT LOCATION



Actual tc point is noted on each LED driver label.

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KTLD-80-UV-24V-CP	Carton Pack	Pending	Active

CATALOG NUMBER BREAKDOWN

KTLD-80-UV-24V-CP

- 1
- 2
- 3
- 4
- 5

- 1** Keystone Technologies LED Driver **5** Packaging Style
- 2** Max. Output Wattage
- 3** 120-227V Input
- 4** Output Voltage