

KTLD-50-UV-2x500-VDIM-L5

CONSTANT CURRENT LED DRIVER

DESCRIPTION

LED Driver | 50W (25W x 2 Output, Hot Pluggable) | 120-277V Input | 500mA Constant Current Output

DRIVER TYPE: Constant Current LED Driver
MAX. OUTPUT POWER: 50W (25W x 2 Output, Hot Pluggable)
INPUT VOLTAGE: 120-277Vac $\pm 10\%$
OUTPUT VOLTAGE: 25~50 Vdc (Dual Channel)
OUTPUT CURRENT: 500 mA
DIMMING: 0-10V
WARRANTY: 5 Years

PRODUCT FEATURES

- Meets FCC Part 15 (Class A) Non-Consumer Limits
- Short Circuit Overload and Open Load Protection
- Type 1 Outdoor, Suitable for Dry and Damp Locations
- UL Pending
- Class 2 Output
- Dimmable with 0-10V Dimmer
- Input Frequency: 50/60 Hz
- THD < 20%
- 70°C/158°F Max Case Temperature

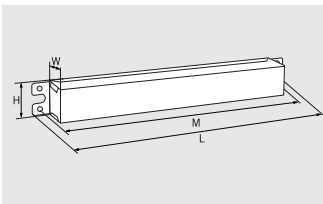
SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

Family	INPUT CHARACTERISTICS				OUTPUT CHARACTERISTICS			FEATURES
	Input Voltage	Input Power	Power Factor	Max. Current	Max. Output Power	Rated Output Current	Output Voltage	Efficiency
50W	120-277Vac	60W	>0.9	0.61A @ 120V 0.29A @ 277V	50W (25W x 2 Output, Hot Pluggable)	500mA	25~50Vdc (Dual Channel)	83%

MECHANICAL SPECIFICATIONS

CASE DIMENSIONS



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

STANDARD LEAD LENGTHS*

WHITE	12.00"
BLACK	12.00"
RED	12.00"
BLUE	12.00"
PURPLE	12.00"
GRAY	12.00"

*Consult Keystone for special lead length requirements.

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

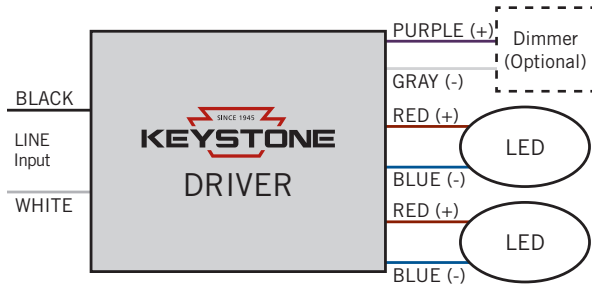
CASE MATERIAL: Metal



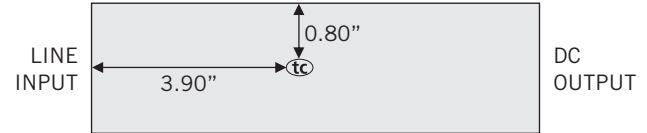
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WIRING DIAGRAM



HOT SPOT LOCATION



Actual tc point is noted on each LED driver label.

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KTLD-50-UV-2x500-VDIM-L5-CP	Carton Pack	TBD	Active

CATALOG NUMBER BREAKDOWN

KTLD-50-UV-2x500-VDIM-L5-CP

Keystone Technologies LED Driver	Wattage Family	120-277V Input	Dual Channel	500mA Rated Output Current	0-10V Dimming	Case Style	Packaging Style
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