



KTLD-50-UV-1250-VDIM-LA1

CONSTANT CURRENT LED DRIVER



DESCRIPTION

LED Driver | 50W | 120–277Vac Input | 1250mA Constant Current Output | 0-10V Dimming LED Driver

DRIVER TYPE: Constant Current LED Driver

MAX. OUTPUT POWER: 50W

INPUT VOLTAGE: 120~277Vac ±10%

OUTPUT VOLTAGE: 26-40 Vdc

OUTPUT CURRENT: 1250mA

DIMMING: 0–10V Dimming

WARRANTY: 5 Years

PRODUCT FEATURES

- Dry and damp location
- Wired control circuits isolated
- Ground enclosure in installation
- For connections use wire rated at least 90°C/194°F
- PF: 0.9 • Output type: CC
- Ta: -40~55°C/-40~131°F

ELECTRICAL SPECIFICATIONS

Family	Input Characteristics				Output Characteristics		
	Input Voltage	Input Power	Power Factor	Max. Current	Max. Output Power	Rated Output Power	Output Voltage
50W	120–277V	66W	>0.9	0.56A@120Vac	50W	1250mA	26~40Vdc

MECHANICAL SPECIFICATIONS

CASE DIMENSIONS

	LENGTH	6"
	WIDTH	1.3"
	HEIGHT	1.1"
	MOUNTING	5.7"
	CASE STYLE	LA1

STANDARD LEAD LENGTHS*

WHITE	12.00"
BLACK	12.00"
RED	12.00"
BLUE	12.00"
PURPLE	12.00"
GREY	12.00"
YELLOW	12.00"
BROWN	12.00"

White and Black Lead Wires are 18 AWG, 105°C/600V, Stranded, tinned.

Red, Blue, Purple, and Grey Lead Wires are 22AWG, 105°C/300V, Stranded, tinned.

CASE MATERIAL: Metal

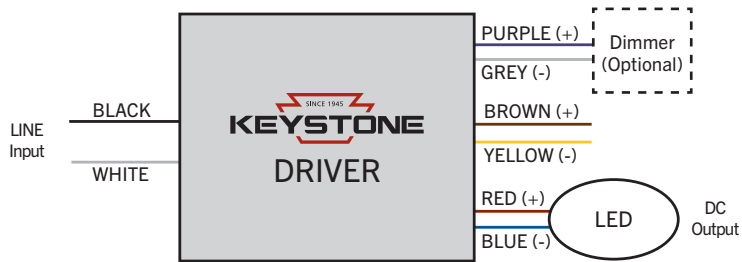
*Consult Keystone for special lead length requirements.



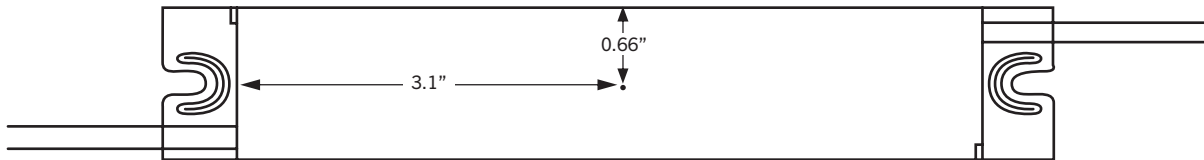
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WIRING DIAGRAM



HOTSPOT LOCATION



NOTE: Lifetime \geq 50,000 hrs at $t_C \leq 90^\circ\text{C}$

ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	EASY CODE
KTLD-50-UV-1250-VDIM-LA1	Carton Pack	843654137797	DBA-98

CATALOG NUMBER BREAKDOWN

KTLD-50-UV-1250-VDIM-LA1

1

2

3

4

5

6

- 1 Keystone Technologies LED Driver
- 2 Wattage Family
- 3 120–277V Input
- 4 Rated Output Current
- 5 0–10V Dimming
- 6 Case Style