



KTLD-50-UV-XXX-VDIM-W2
Constant current LED driver
Total power: 50W
Input voltage: 120~277Vac ± 10%
Number of outputs: One
UL 8750
IP20 design for dry and damp location
Dimmable with 0-10V dimmer
5 year warranty

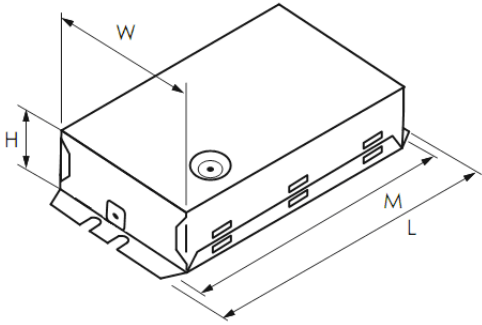
ELECTRICAL SPECIFICATIONS:		ENVIRONMENTAL SPECIFICATIONS:	
Input voltage range:	120~277Vac ± 10%	Operating temperature:	-30 to 60°C
Frequency:	50/60Hz	Storage temperature:	-40 to 85°C
Power factor:	>0.9 @full load, 120V through 277V	Humidity:	5% to 95%
Inrush current:	30A @230V	MTBF:	299,000 hours at 40°C ambient (~70°C Case temp)
Max input current:	0.54A @120V and 0.23A @ 277V	Maximum case Temperature	90°C
THD:	<20%		
Protection:	Over voltage, Over current and Short circuit		
Withstand voltage	I/P – O/P 2k Vac		

PRODUCT SPECIFICATIONS:							
Model Number	Max output power	Output Current	Output Voltage	Efficiency	Remote mounting distance (#18 AWG)	Class 2	
						US	Canada
KTLD-50-UV-920-VDIM-W2	50W	920mA	27 - 54V	84%	41 ft	√	
KTLD-50-UV-1000-VDIM-W2	50W	1000mA	25 – 50V	84%	38 ft	√	
KTLD-50-UV-1100-VDIM-W2	50W	1100mA	23 – 45V	84%	34 ft	√	
KTLD-50-UV-1200-VDIM-W2	50W	1200mA	21 – 42V	84%	32 ft	√	√
KTLD-50-UV-1300-VDIM-W2	50W	1300mA	19 – 38V	84%	29 ft	√	√
KTLD-50-UV-1400-VDIM-W2	50W	1400mA	18 - 36V	84%	27 ft	√	√
KTLD-50-UV-1500-VDIM-W2	50W	1500mA	17 – 33V	84%	25 ft	√	√
KTLD-50-UV-1600-VDIM-W2	50W	1600mA	16 – 31V	84%	24 ft	√	√
KTLD-50-UV-1700-VDIM-W2	50W	1700mA	15 – 29V	84%	22 ft	√	√
KTLD-50-UV-1800-VDIM-W2	50W	1800mA	14 – 28V	84%	21 ft	√	√
KTLD-50-UV-1900-VDIM-W2	50W	1900mA	13 - 26V	84%	20 ft	√	√
KTLD-50-UV-2000-VDIM-W2	50W	2000mA	13 – 25V	84%	19 ft	√	√
KTLD-50-UV-2100-VDIM-W2	50W	2100mA	12 – 24V	84%	18 ft	√	√
KTLD-50-UV-2200-VDIM-W2	50W	2200mA	12 – 23V	84%	17 ft	√	√
KTLD-50-UV-2300-VDIM-W2	50W	2300mA	12 – 22V	84%	16 ft	√	√
KTLD-50-UV-2400-VDIM-W2	50W	2400mA	12 – 21V	84%	16 ft	√	√
KTLD-50-UV-2500-VDIM-W2	50W	2500mA	12 – 20V	84%	15 ft	√	√

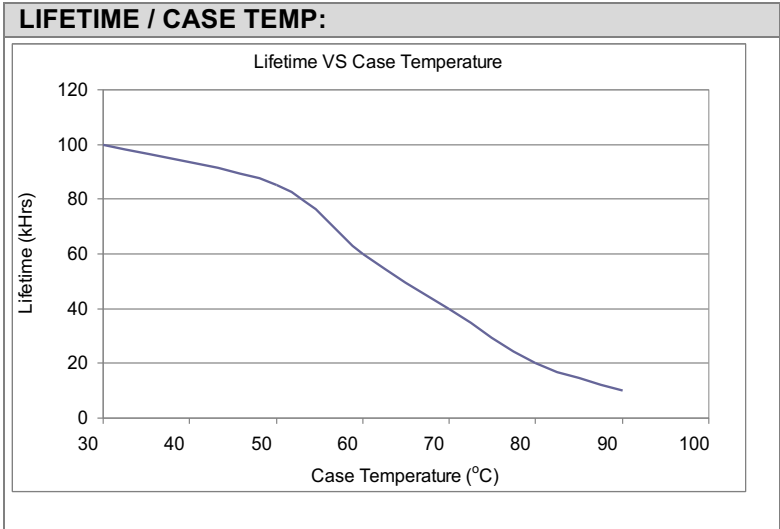
SAFETY AND EMC COMPLIANCE:	
UL/cUL	UL 8750
FCC, 47CFR Part 15	Class B Consumer Limit
EN61000-3-2	

Keystone Technologies • 1390 Welsh Road, North Wales, PA 19454
 Phone (800) 464-2680 • Fax (888) 966-0556 • www.keystoneballast.com

PHYSICAL DIMENSIONS:	
Length (L):	5.00"
Width (W):	3.00"
Height (H):	1.38"
Mounting (M):	4.63"
Weight:	0.63 kg
WIRE SPECIFICATIONS:	
Input:	12", UL1316 #18AWG (Black and White)
Output:	12", UL 1316/1430 #22AWG (Red and Blue)
Dimming:	12", UL 1316/1430 #22AWG (Purple and Grey)



WIRING DIAGRAM:	HOTTEST SPOT LOCATIONS:
<p>The wiring diagram shows a central 'Transformer' block. On the left, 'LINE Input' is connected to 'Black' and 'White' wires. On the right, 'Purple (+)' and 'Grey (-)' wires are connected to a 'Dimmer (Optional)' block. Below that, 'Red (+)' and 'Blue (-)' wires are connected to an 'LED' block, which is labeled as 'DC Output'.</p>	<p>The hot spot location diagram shows a rectangular area with a red dot at the center. A vertical dimension line indicates a distance of 0.59" from the 'LINE Input' edge to the dot. A horizontal dimension line indicates a distance of 0.39" from the 'DC Output' edge to the dot.</p>



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