



KTLD-22-UV-XXX-VDIM-L7
Constant current LED driver
Total power: 22W
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

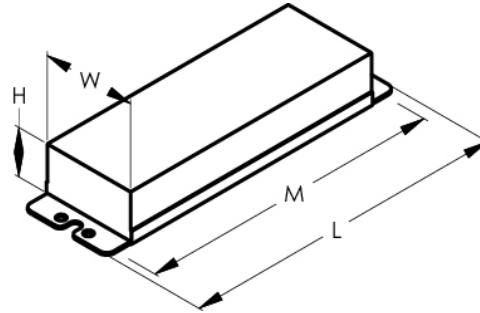
ELECTRICAL SPECIFICATIONS:		ENVIRONMENTAL SPECIFICATIONS:	
Input voltage range:	120~277Vac ± 10%	Operating temperature:	-30 to 60°C
Frequency:	50/60Hz	Storage temperature:	-40 to 85°C
Power factor:	>0.9 @full load, 120V through 277V	Humidity:	5% to 95%
Inrush current:	7A @230V	MTBF:	510,000 hours at 40°C ambient (~70°C Case temp)
Max input current:	0.25A @120V and 0.12A @ 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-22-UV-350-VDIM-L7	22W	350mA	32 - 63V	81%	109 ft		
KTLD-22-UV-400-VDIM-L7	22W	400mA	28 – 55V	81%	96 ft		
KTLD-22-UV-410-VDIM-L7	22W	410mA	27 – 55V	81%	93 ft	√	
KTLD-22-UV-500-VDIM-L7	22W	500mA	22 - 44V	81%	76 ft	√	
KTLD-22-UV-600-VDIM-L7	22W	600mA	18 - 36V	81%	64 ft	√	√
KTLD-22-UV-700-VDIM-L7	22W	700mA	16 - 32V	81%	54 ft	√	√
KTLD-22-UV-800-VDIM-L7	22W	800mA	14 – 28V	81%	48 ft	√	√
KTLD-22-UV-900-VDIM-L7	22W	900mA	12 – 24V	81%	42 ft	√	√
KTLD-22-UV-1000-VDIM-L7	22W	1000mA	12 – 22V	81%	38 ft	√	√
KTLD-22-UV-1050-VDIM-L7	22W	1050mA	12 - 21V	81%	36 ft	√	√
KTLD-22-UV-1100-VDIM-L7	22W	1100mA	12 - 20V	81%	34 ft	√	√

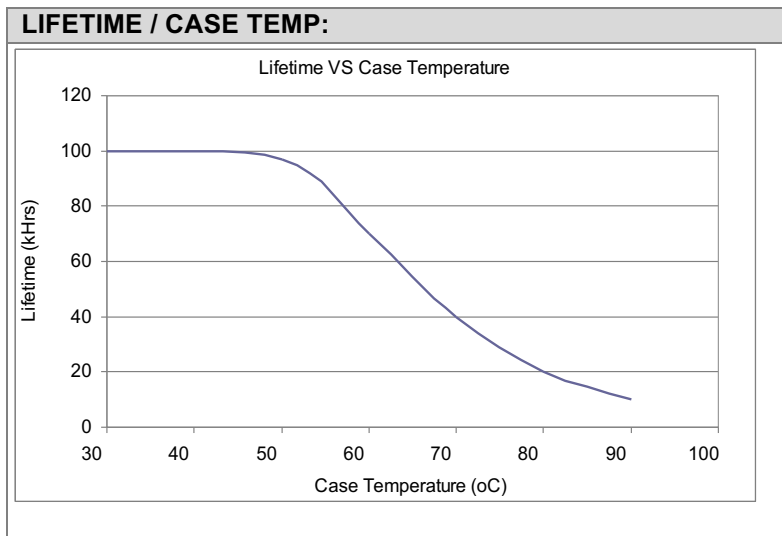
SAFETY AND EMC COMPLIANCE:	
UL/cUL	UL 8750
FCC, 47CFR Part 15	Class B Consumer Limit
EN61000-3-2	

Keystone Technologies • 208 Progress Drive, North Wales, PA 19454
 Phone (800) 464-2680 • Fax (888) 966-0556 • www.keystoneballast.com

PHYSICAL DIMENSIONS:	
Length (L):	6.46"
Width (W):	1.37"
Height (H):	1.00"
Mounting (M):	6.00"
Weight:	0.23 kg
WIRE SPECIFICATIONS:	
Input:	12", UL 1316 #18AWG (Black and White)
Output:	12", UL 1569 #18AWG (with Non-Class 2 output) 12", UL 1316/1430 #22AWG (with Class 2 output) (Red and Blue)
Dimming:	12" UL 1316/1430 #22AWG (Purple and Grey)



WIRING DIAGRAM:	HOTTEST SPOT LOCATIONS:
<p>The wiring diagram shows a Transformer with two LINE Input wires: Black and White. The Transformer has three output wires: Purple (+) and Grey (-) for an optional Dimmer, and Red (+) and Blue (-) for an LED. The LED is connected to a DC Output.</p>	<p>The hottest spot location diagram shows a red dot representing the hottest spot. It is located 0.75" from the top edge and 1.3" from the DC Output edge, relative to the LINE Input side.</p>



Keystone Technologies • 208 Progress Drive, North Wales, PA 19454
 Phone (800) 464-2680 • Fax (888) 966-0556 • www.keystoneballast.com