



KTLD-50-UV-xxx-VDIM-AR2
Constant current LED driver
Total power: 50W
Input voltage: 120~277Vac ± 10%
Number of outputs: One
UL 8750
IP66 design
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:	20A @230V	MTBF:	() hours at 40°C ambient (~70°C Case temp)
Max input current:	0.55A @120V and 0.25A @ 277V	Maximum case Temperature	90°C
THD:	<20%		
Protection:	Over voltage, Over current and Short circuit		
Withstand voltage	I/P – O/P 2k Vac		

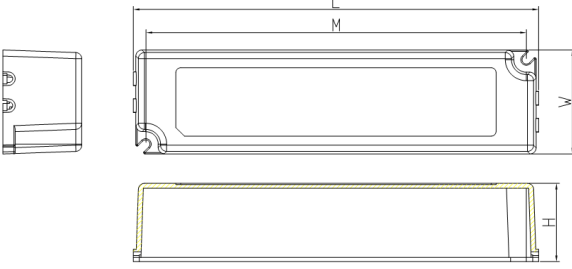
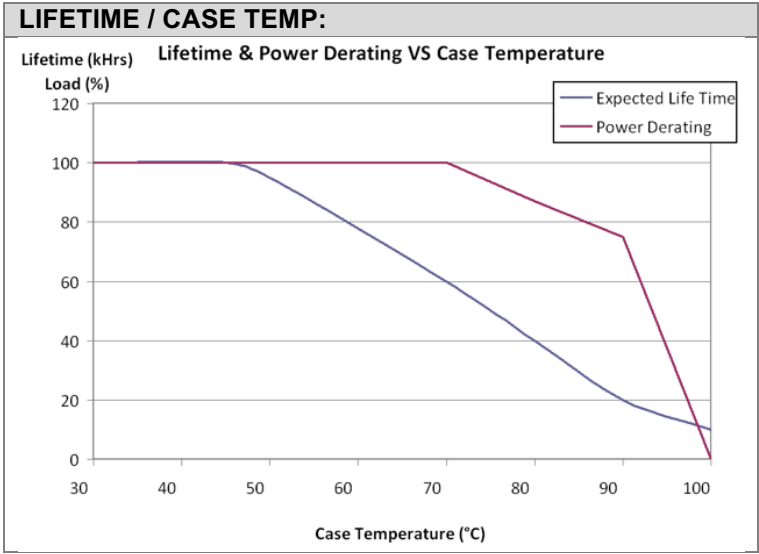
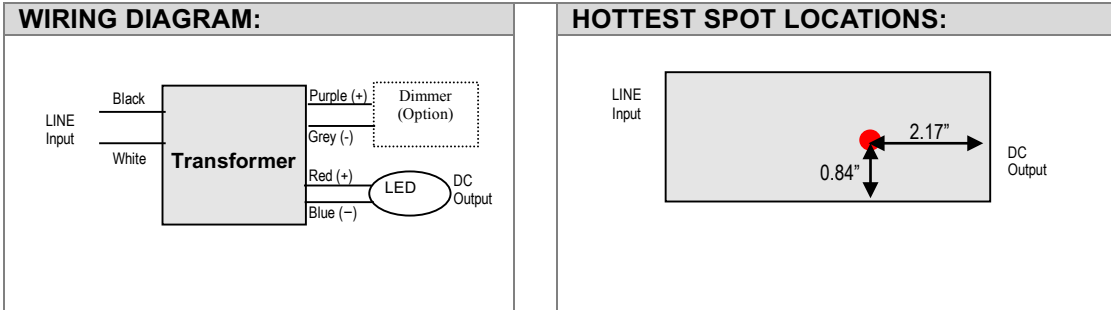
PRODUCT SPECIFICATIONS:							
Model Number	Max output power	Output Current	Output Voltage	Efficiency	Remote mounting distance (#18 AWG)	Class 2	
						US	Canada
KTLD-50-UV-500-VDIM-AR2	50W	500mA	50 – 100V	83%	76 ft		
KTLD-50-UV-530-VDIM-AR2	50W	530mA	47 - 94V	83%	72 ft		
KTLD-50-UV-600-VDIM-AR2	50W	600mA	42 – 83V	83%	64 ft		
KTLD-50-UV-700-VDIM-AR2	50W	700mA	36 – 71V	83%	54 ft		
KTLD-50-UV-800-VDIM-AR2	50W	800mA	31 – 63V	83%	48 ft		
KTLD-50-UV-830-VDIM-AR2	50W	830mA	30 – 60V	83%	46 ft	√	
KTLD-50-UV-900-VDIM-AR2	50W	900mA	28 – 56V	83%	42 ft	√	
KTLD-50-UV-1000-VDIM-AR2	50W	1000mA	25 – 50V	83%	38 ft	√	
KTLD-50-UV-1100-VDIM-AR2	50W	1100mA	23 - 45V	83%	34 ft	√	
KTLD-50-UV-1200-VDIM-AR2	50W	1200mA	21 – 42V	83%	32 ft	√	
KTLD-50-UV-1250-VDIM-AR2	50W	1250mA	20 – 40V	83%	30 ft	√	√
KTLD-50-UV-1300-VDIM-AR2	50W	1300mA	19 – 38V	83%	29 ft	√	√
KTLD-50-UV-1400-VDIM-AR2	50W	1400mA	17 – 35V	83%	27 ft	√	√
KTLD-50-UV-1500-VDIM-AR2	50W	1500mA	16 – 33V	83%	25 ft	√	√
KTLD-50-UV-1600-VDIM-AR2	50W	1600mA	15 – 31V	83%	24 ft	√	√
KTLD-50-UV-1700-VDIM-AR2	50W	1700mA	15 – 29V	83%	22 ft	√	√
KTLD-50-UV-1800-VDIM-AR2	50W	1800mA	14 – 28V	83%	21 ft	√	√
KTLD-50-UV-1900-VDIM-AR2	50W	1900mA	13 – 26V	83%	20 ft	√	√
KTLD-50-UV-2000-VDIM-AR2	50W	2000mA	13 – 25V	83%	19 ft	√	√
KTLD-50-UV-2100-VDIM-AR2	50W	2100mA	12 – 24V	83%	18 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

Specifications subject to change. Revised 2.12.16

PHYSICAL DIMENSIONS:	
Length (L):	5.54"
Width (W):	1.86"
Height (H):	1.26"
Mounting (M):	5.00"
Weight:	0.40 kg
WIRE SPECIFICATIONS:	
Input:	12", UL 1316 #18AWG (Black and White)
Output:	12", UL 1316 #18AWG (Red and Blue)
Dimming:	12", UL 11316 #22AWG (Purple and Grey)

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