



<b>KTLD-16-UV-XXX-VDIM-AQ1</b>
Constant current LED driver
Total power: 16W
Input voltage: 120~277Vac ± 10%
Number of outputs: One
UL 8750
IP20 or IP66 design
Dimmable with 0-10V dimmer
5 year warranty

ELECTRICAL SPECIFICATIONS:		ENVIRONMENTAL SPECIFICATIONS:	
Input voltage range:	120~277Vac ± 10%	Operating temperature:	-20 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:	690,000 hours at 40°C ambient (~70°C Case temp)
Max input current:	0.19A @120V and 0.09A @ 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-16-UV-300-VDIM-AQ1	16W	300mA	17 – 53V	80%	128 ft	√	
KTLD-16-UV-350-VDIM-AQ1	16W	350mA	15 - 46V	80%	109 ft	√	
KTLD-16-UV-400-VDIM-AQ1	16W	400mA	13 – 40V	80%	96 ft	√	√
KTLD-16-UV-450-VDIM-AQ1	16W	450mA	13 – 37V	80%	85 ft	√	√
KTLD-16-UV-500-VDIM-AQ1	16W	500mA	10 - 32V	80%	76 ft	√	√
KTLD-16-UV-600-VDIM-AQ1	16W	600mA	9 – 27V	80%	64 ft	√	√
KTLD-16-UV--700-VDIM-AQ1	16W	700mA	8 - 23V	80%	54 ft	√	√
KTLD-16-UV--800-VDIM-AQ1	16W	800mA	8 – 20V	80%	48 ft	√	√
KTLD-16-UV--900-VDIM-AQ1	16W	900mA	8 - 18V	80%	42 ft	√	√

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

PHYSICAL DIMENSIONS:	
Length (L):	3.07"
Width (W):	3.15"
Height (H):	1.00"
Mounting (M):	2.76"
Weight:	0.19 kg
WIRE SPECIFICATIONS:	

Keystone Technologies • 208 Progress Drive, North Wales, PA 19454  
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Input:	12", UL 1316 #18AWG (Black and White)	
Output:	12", UL 1316/1430 #22AWG (Red and Blue)	
Dimming:	12" UL 1316/1430 #22AWG (Purple and Grey)	

