



KTLD-100-UV-4xXXX-VDIM-L18	
Constant current LED driver	
Total power: 100W	
Input voltage: 120~277Vac ± 10%	
Number of outputs: Four	
UL 8750	
IP20 design for dry and damp location	
Dimmable with 0-10V dimmer	
5 year warranty	

ELECTRICAL SPECIFICATIONS:		ENVIRONMENTAL SPECIFICATIONS:	
		Operating temperature:	-30 to 50°C
Input voltage range:	120~277Vac ± 10%	Storage temperature:	-40 to 85°C
Frequency:	50/60Hz	Humidity:	5% to 95%
Power factor:	>0.9 @full load, 120V through 277V	MTBF:	() hours at 40°C ambient (~70°C Case temp)
Inrush current:	20A @230V	Maximum case Temperature	90°C
Max input current:	1.01A @120V and 0.51A @ 277V		
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-100-uv-4x460-VDIM-L18	25W x4	460mA	27 – 54V	82%	83 ft	√	
KTLD-100-uv-4x500-VDIM-L18	25W x4	500mA	25 – 50V	82%	76 ft	√	
KTLD-100-uv-4x600-VDIM-L18	25W x4	600mA	21 – 42V	82%	64 ft	√	√
KTLD-100-uv-4x700-VDIM-L18	25W x4	700mA	18 - 36V	82%	54 ft	√	√
KTLD-100-uv-4x800-VDIM-L18	25W x4	800mA	16 – 31V	82%	48 ft	√	√
KTLD-100-uv-4x900-VDIM-L18	25W x4	900mA	14 – 28V	82%	42 ft	√	√
KTLD-100-uv-4x1000-VDIM-L18	25W x4	1000mA	12 – 25V	82%	38 ft	√	√

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

PHYSICAL DIMENSIONS:	
Length (L):	11.46"
Width (W):	1.70"
Height (H):	1.15"
Mounting (M):	10.97"
Weight:	0.50 kg
WIRE SPECIFICATIONS:	
Input:	12", UL 1316 #18AWG (Black and White)

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Output:	12", UL 1316/1430 #22AWG (Red and Blue)	
Dimming:	12" UL 1316/1430 #22AWG (Purple and Grey)	

WIRING DIAGRAM:	HOTTEST SPOT LOCATIONS:
	To be provided

LIFETIME / CASE TEMP:
To be provided