



KTLD-25-UV-XXX-VDIM-AK1

Constant current LED driver

Total power: 25W

Input voltage: 120~277Vac $\pm$ 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:	
		Operating temperature:	-30 to 60°C
Input voltage range:	120~277Vac $\pm$ 10%	Storage temperature:	-40 to 85°C
Frequency:	50/60Hz	Humidity:	5% to 95%
Power factor:	>0.9 @full load, 120V through 277V	MTBF:	376,000 hours at 40°C ambient (~70°C Case temp)
Inrush current:	7A @230V	Maximum case Temperature	90°C
Max input current:	0.27A @120V and 0.13A @ 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-25-UV-300-VDIM-AK1	25W	300mA	42 - 84V	80%	96ft		
KTLD-25-UV-400-VDIM-AK1	25W	400mA	31 - 63V	80%	96ft		
KTLD-25-UV-500-VDIM-AK1	25W	500mA	25 - 50V	81%	76 ft	√	
KTLD-25-UV-600-VDIM-AK1	25W	600mA	21 - 42V	81%	64 ft	√	√
KTLD-25-UV-700-VDIM-AK1	25W	700mA	18 - 36V	81%	54 ft	√	√
KTLD-25-UV-800-VDIM-AK1	25W	800mA	16 - 32V	81%	48 ft	√	√
KTLD-25-UV-900-VDIM-AK1	25W	900mA	14 - 28V	81%	42 ft	√	√
KTLD-25-UV-1000-VDIM-AK1	25W	1000mA	12 - 25V	81%	38 ft	√	√
KTLD-25-UV-1100-VDIM-AK1	25W	1100mA	12 - 23V	81%	34 ft	√	√
KTLD-25-UV-1200-VDIM-AK1	25W	1200mA	12 - 21V	81%	32 ft	√	√
KTLD-25-UV-1300-VDIM-AK1	25W	1300mA	12 - 19V	81%	29 ft	√	√
KTLD-25-UV-1400-VDIM-AK1	25W	1400mA	12 - 18V	81%	27 ft	√	√

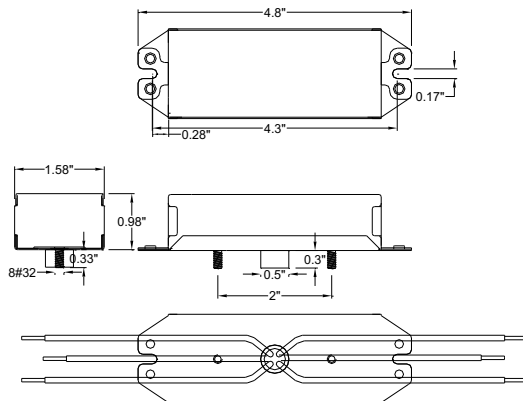
UL Pending

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

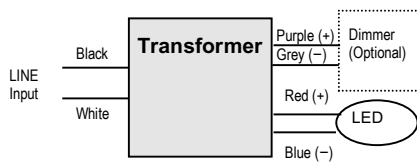
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PHYSICAL DIMENSIONS:

Length (L):	4.80"
Width (W):	1.58"
Height (H):	0.96"
Mounting (M):	4.30"
Weight:	0.22 kg

**WIRE SPECIFICATIONS:**

Input:	12", UL 1316 #18AWG (Black and White)
Output:	12", UL 1316 #18AWG (Red and Blue)
Dimming:	12" UL 1316/1430 #22AWG (Purple and Grey)

WIRING DIAGRAM:**HOTTEST SPOT LOCATIONS:****LIFETIME / CASE TEMP:**