



KTLD-50-UV-2xXXX-VDIM-L5

Constant current LED driver

Total power: 50W

Input voltage: 120~277Vac $\pm$ 10%

Number of outputs: Two

UL 8750

IP20 design for dry and damp location

Dimmable with 0-10V dimmer

5 year warranty

ELECTRICAL SPECIFICATIONS:

Input voltage range:	120~277Vac $\pm$ 10%
Frequency:	50/60Hz
Power factor:	>0.9 @full load, 120V through 277V
Inrush current:	20A @230V
Max input current:	0.56A @120V and 0.26A @ 277V
THD:	<20%
Protection:	Over voltage, Over current and Short circuit
Withstand voltage	I/P – O/P 2k Vac

ENVIRONMENTAL SPECIFICATIONS:

Operating temperature:	-30 to 50°C
Storage temperature:	-40 to 85°C
Humidity:	5% to 95%
MTBF:	() hours at 40°C ambient (~70°C Case temp)
Maximum case Temperature	80°C

PRODUCT SPECIFICATIONS:

Model Number	Max output power	Output Current	Output Voltage	Efficiency	Remote mounting distance (#18 AWG)	Class 2	
						US	Canada
KTLD-50-UV-2x450-VDIM-L5	25W x2	450mA	27 - 54V	82%	85 ft	✓	
KTLD-50-UV-2x500-VDIM-L5	25W x2	500mA	25 – 50V	82%	76 ft	✓	
KTLD-50-UV-2x600-VDIM-L5	25W x2	600mA	21 – 42V	82%	64 ft	✓	✓
KTLD-50-UV-2x700-VDIM-L5	25W x2	700mA	18 - 36V	82%	54 ft	✓	✓
KTLD-50-UV-2x800-VDIM-L5	25W x2	800mA	16 – 31V	82%	48 ft	✓	✓
KTLD-50-UV-2x900-VDIM-L5	25W x2	900mA	14 – 28V	82%	42 ft	✓	✓
KTLD-50-UV-2x1000-VDIM-L5	25W x2	1000mA	12 - 24V	82%	38 ft	✓	✓
KTLD-50-UV-2x1100-VDIM-L5	25W x2	1100mA	12 – 23V	82%	34 ft	✓	✓

SAFETY AND EMC COMPLIANCE:

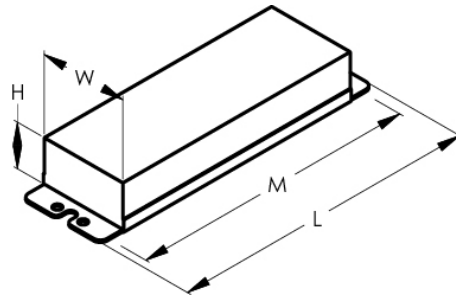
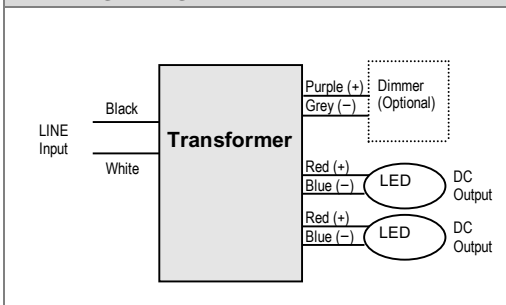
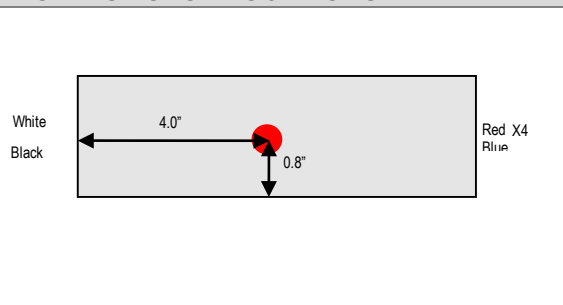
UL/cUL	UL 8750
FCC, 47CFR Part 15	Class A Consumer Limit
EN61000-3-2	

PHYSICAL DIMENSIONS:

Length (L):	9.50"
Width (W):	1.70"
Height (H):	1.15"
Mounting (M):	8.90"
Weight:	0.50 kg

WIRE SPECIFICATIONS:

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)

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

To be provided