



KTLD-40-UV-XXX-VDIM-AT1
Constant current LED driver
Total power: 40W
Input voltage: 120~277Vac ± 10%
Number of outputs: One
UL 8750
IP20 or IP66 design
Dimmable with 0-10V dimmer
5 year warranty

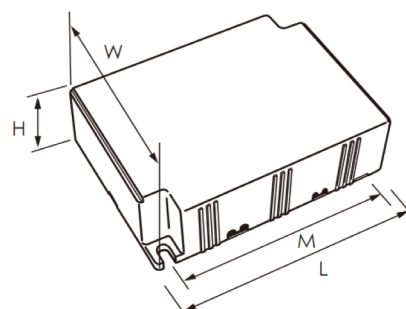
ELECTRICAL SPECIFICATIONS:		ENVIRONMENTAL SPECIFICATIONS:	
Input voltage range:	120~277Vac ± 10%	Operating temperature:	-30 to 60°C
Frequency:	50/60Hz	Storage temperature:	-40 to 85°C
Power factor:	>0.9 @full load, 120V through 277V	Humidity:	5% to 95%
Inrush current:	7A @230V	MTBF:	302,000 hours at 40°C ambient (~70°C Case temp)
Max input current:	0.44A @120V and 0.20A@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-40-UV-350-VDIM-AT1	40W	350mA	38-126V	87%	109 ft		
KTLD-40-UV-400-VDIM-AT1	40W	400mA	33-100V	87%	96 ft		
KTLD-40-UV-500-VDIM-AT1	40W	500mA	27-80V	86%	76 ft		
KTLD-40-UV-600-VDIM-AT1	40W	600mA	22-67V	86%	64 ft		
KTLD-40-UV-700-VDIM-AT1	40W	700mA	19-57V	86%	54 ft	√	
KTLD-40-UV-800-VDIM-AT1	40W	800mA	17-50V	86%	48 ft	√	
KTLD-40-UV-900-VDIM-AT1	40W	900mA	15-44V	86%	42 ft	√	
KTLD-40-UV-1000-VDIM-AT1	40W	1000mA	13-40V	85%	38 ft	√	√
KTLD-40-UV-1100-VDIM-AT1	40W	1100mA	12-36V	85%	34 ft	√	√
KTLD-40-UV-1200-VDIM-AT1	40W	1200mA	11-33V	85%	32 ft	√	√
KTLD-40-UV-1300-VDIM-AT1	40W	1300mA	11-31V	85%	29 ft	√	√
KTLD-40-UV-1400-VDIM-AT1	40W	1400mA	10-29V	85%	27 ft	√	√
KTLD-40-UV-1500-VDIM-AT1	40W	1500mA	9-27V	85%	25 ft	√	√
KTLD-40-UV-1600-VDIM-AT1	40W	1600mA	9-25V	85%	24 ft	√	√
KTLD-40-UV-1670-VDIM-AT1	40W	1670mA	8-24V	85%	23 ft	√	√
KTLD-40-UV-1700-VDIM-AT1	40W	1700mA	8-24V	85%	22 ft	√	√
KTLD-40-UV-1800-VDIM-AT1	40W	1800mA	8-22V	85%	21 ft	√	√
KTLD-40-UV-1900-VDIM-AT1	40W	1900mA	7-21V	85%	20 ft	√	√
KTLD-40-UV-2000-VDIM-AT1	40W	2000mA	7-20V	84%	19 ft	√	√

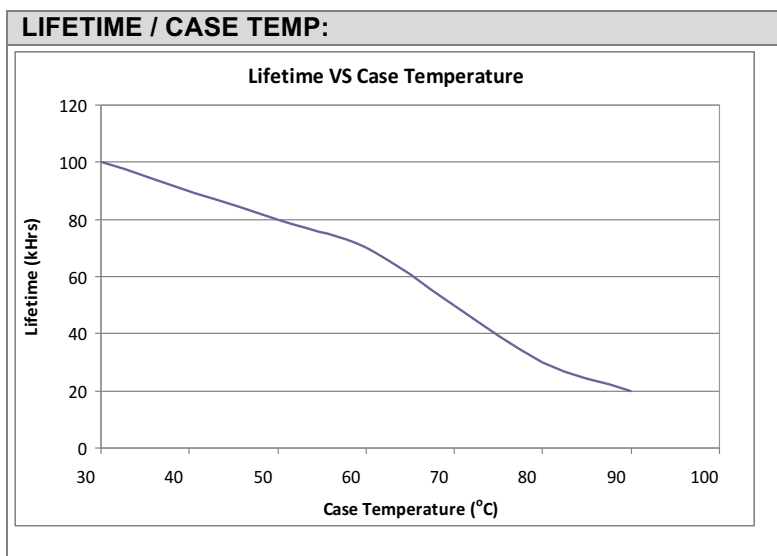
SAFETY AND EMC COMPLIANCE:	
UL/cUL	UL 8750
FCC, 47CFR Part 15	Class B Consumer Limit
EN61000-3-2	

Keystone Technologies • 208 Progress Drive, North Wales, PA 19454
 Phone (800) 464-2680 • Fax (888) 966-0556 • www.keystoneballast.com

PHYSICAL DIMENSIONS:	
Length (L):	3.76"
Width (W):	2.81"
Height (H):	1.26"
Mounting (M):	3.34"
Weight:	0.36 kg
WIRE SPECIFICATIONS:	
Input:	12", UL 1316 #18AWG (White and Black)
Output:	12", UL 1569 #18AWG (With Non-Class 2 output) 12", UL 1430 #22AWG (With Class 2 output) (Red and Blue)
Dimming:	12", UL 1430 #22AWG (Purple and Grey)



WIRING DIAGRAM:	HOTTEST SPOT LOCATIONS:
<p>The wiring diagram shows a Transformer connected to a LINE (White Black) and DC (LED). The DC output is connected to the LED. A Purple Grey Dimmer (Optional) is also connected to the DC output. The transformer has terminals for Red (+) and Blue (-).</p>	<p>The hottest spot is located 2" from the LINE terminal and 1.1" from the DC Output terminal.</p>



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