



<b>KTLD-16-1-XXX-FDIM-AK1</b>
Constant current LED driver
Total power: 16W
Input voltage: 120Vac ± 10%
Number of outputs: One
UL 8750
IP20 design for dry and damp location
Dimmable with leading / trailing edge dimmer
5 year warranty

ELECTRICAL SPECIFICATIONS:		ENVIRONMENTAL SPECIFICATIONS:	
Input voltage range:	120Vac ± 10%	Operating temperature:	-30 to 60°C
Frequency:	60Hz	Storage temperature:	-40 to 85°C
Power factor:	>0.9 @full load	Humidity:	5% to 95%
Inrush current:	7A @120V	MTBF:	376,000 hours at 40°C ambient (~70°C Case temp)
Max input current:	0.18A @120V	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-16-1-290-FDIM-AK1	16W	290mA	17 - 54V	80%	132 ft	√	
KTLD-16-1-300-FDIM-AK1	16W	300mA	17 - 53V	80%	128 ft	√	
KTLD-16-1-400-FDIM-AK1	16W	400mA	13 - 40V	80%	96 ft	√	√
KTLD-16-1-500-FDIM-AK1	16W	500mA	10 - 32V	80%	76 ft	√	√
KTLD-16-1-600-FDIM-AK1	16W	600mA	9 - 27V	80%	64 ft	√	√
KTLD-16-1-700-FDIM-AK1	16W	700mA	8 - 23V	80%	54 ft	√	√
KTLD-16-1-800-FDIM-AK1	16W	800mA	7 - 20V	80%	48 ft	√	√
KTLD-16-1-900-FDIM-AK1	16W	900mA	6 - 18V	80%	42 ft	√	√
KTLD-16-1-1000-FDIM-AK1	16W	1000mA	6 - 16V	80%	38 ft	√	√
KTLD-16-1-1100-FDIM-AK1	16W	1100mA	6 - 15V	80%	34 ft	√	√
KTLD-16-1-1200-FDIM-AK1	16W	1200mA	6 - 13V	80%	32 ft	√	√
KTLD-16-1-1300-FDIM-AK1	16W	1300mA	6 - 12V	80%	29 ft	√	√
KTLD-16-1-1400-FDIM-AK1	16W	1400mA	6 - 11V	80%	27 ft	√	√

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

PHYSICAL DIMENSIONS:	
Length (L):	4.80"
Width (W):	1.58"
Height (H):	0.96"
Mounting (M):	4.29"
Weight:	0.22 kg

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

WIRE SPECIFICATIONS:	
Input:	12", UL 1316 #18AWG (Black and White)
Output:	12", UL 1316 #18AWG (Red and Blue)


