



KTLD-22-1-XXX-FDIM-AK1
Constant current LED driver
Total power: 22W
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

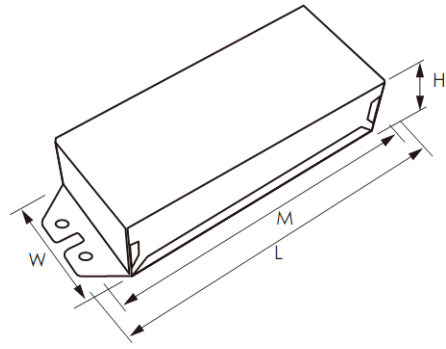
ELECTRICAL SPECIFICATIONS:		ENVIRONMENTAL SPECIFICATIONS:	
Input voltage range:	120Vac ± 10%	Operating temperature:	-30 to 60°C
Frequency:	60Hz	Storage temperature:	-40 to 85°C
Power factor:	>0.9 @full load	Humidity:	5% to 95%
Inrush current:	7A @120V	MTBF:	376,000 hours at 40°C ambient (~70°C Case temp)
Max input current:	0.25A @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-22-1-220-FDIM-AK1	22W	220mA	33 - 100V	81%	174 ft		
KTLD-22-1-300-FDIM-AK1	22W	300mA	24 - 73V	81%	128 ft		
KTLD-22-1-400-FDIM-AK1	22W	400mA	18 - 54V	81%	96 ft	√	
KTLD-22-1-500-FDIM-AK1	20W	500mA	10 - 40V	81%	76 ft	√	√
KTLD-22-1-600-FDIM-AK1	22W	600mA	10 - 36V	81%	64 ft	√	√
KTLD-22-1-700-FDIM-AK1	22W	700mA	10 - 32V	81%	54 ft	√	√
KTLD-22-1-800-FDIM-AK1	22W	800mA	10 - 28V	81%	48 ft	√	√
KTLD-22-1-900-FDIM-AK1	22W	900mA	6 - 24V	81%	42 ft	√	√
KTLD-22-1-1000-FDIM-AK1	22W	1000mA	6 – 24V	81%	38 ft	√	√
KTLD-22-1-1100-FDIM-AK1	22W	1100mA	6 – 20V	81%	34 ft	√	√
KTLD-22-1-1200-FDIM-AK1	22W	1200mA	6 – 20V	81%	32 ft	√	√

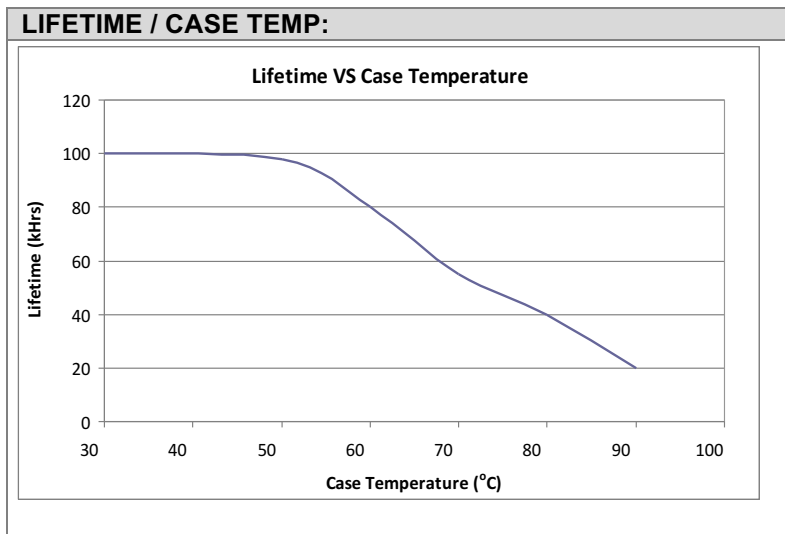
SAFETY AND EMC COMPLIANCE:	
UL/cUL	UL 8750
FCC, 47CFR Part 15	Class B Consumer Limit
EN61000-3-2	

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PHYSICAL DIMENSIONS:	
Length (L):	4.80"
Width (W):	1.58"
Height (H):	0.96"
Mounting (M):	4.29"
Weight:	0.22 kg
WIRE SPECIFICATIONS:	
Input:	12", UL 1316 #18AWG (Black and White)
Output:	12", UL 1316 #18AWG (Red and Blue)



WIRING DIAGRAM:	HOTTEST SPOT LOCATIONS:
<p>The wiring diagram shows a 'Transformer' block. On the left, 'LINE Input' is connected to 'Black' and 'White' wires. An optional 'Dimmer' is connected between the Black and White lines. On the right, 'DC Output' is shown with 'Red (+)' and 'Blue (-)' wires connected to an 'LED'.</p>	<p>The hotspot diagram shows a rectangular area. A red dot is located at the intersection of a 0.75" vertical dimension from the top edge and a 1.3" horizontal dimension from the left edge. The left edge is labeled 'LINE Input' and the right edge is labeled 'DC Output'.</p>



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