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LightBulbSurplus
 Light More, Pay Less

KTLD-14-1-xxx-FDIM-AF1
Constant current LED driver
Total power: 14W
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

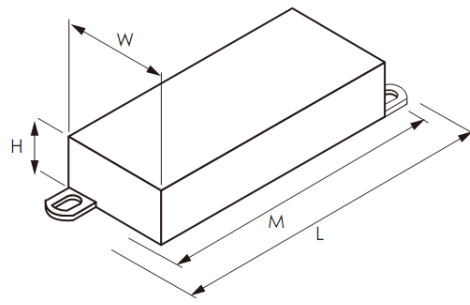
ELECTRICAL SPECIFICATIONS:		ENVIRONMENTAL SPECIFICATIONS:	
Input voltage range:	120Vac ± 10%	Operating temperature:	-30 to 60°C
Frequency:	60Hz	Storage temperature:	-40 to 85°C
Power factor:	>0.9 @full load	Humidity:	5% to 95%
Inrush current:	20A @120V	MTBF:	570,000 hours at 40°C ambient (~70°C Case temp)
Max input current:	0.17A @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-14-1-260-FDIM-AF1	14W	260mA	18 – 54V	77%	147 ft	√	
KTLD-14-1-300-FDIM-AF1	14W	300mA	16 –47V	77%	128 ft	√	
KTLD-14-1-350-FDIM-AF1	14W	350mA	10 - 40V	77%	109 ft	√	√
KTLD-14-1-400-FDIM-AF1	14W	400mA	12 – 35V	77%	96 ft	√	√
KTLD-14-1-500-FDIM-AF1	14W	500mA	10 – 28V	77%	76 ft	√	√
KTLD-14-1-600-FDIM-AF1	14W	600mA	10 – 40V	77%	64 ft	√	√
KTLD-14-1-700-FDIM-AF1	14W	700mA	7 – 20V	77%	54 ft	√	√
KTLD-14-1-800-FDIM-AF1	14W	800mA	6 - 18V	77%	48 ft	√	√

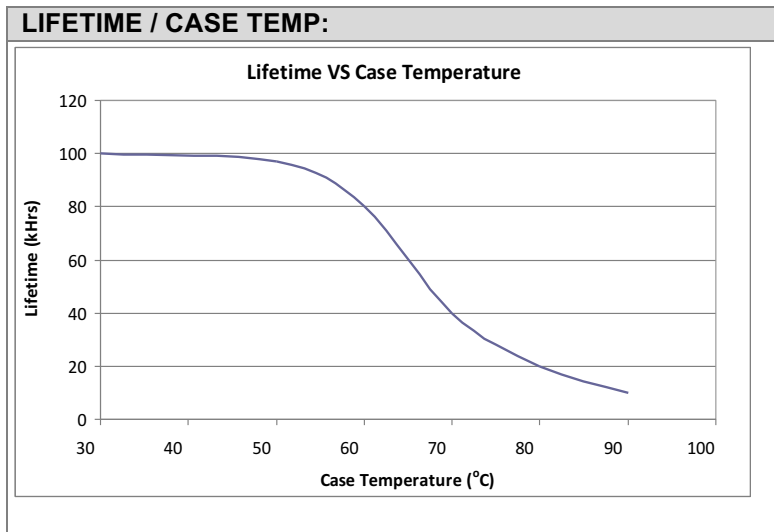
SAFETY AND EMC COMPLIANCE:	
UL/cUL	UL 8750
FCC, 47CFR Part 15	Class B Consumer Limit
EN61000-3-2	

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PHYSICAL DIMENSIONS:	
Length (L):	4.86"
Width (W):	1.30"
Height (H):	0.79"
Mounting (M):	4.57"
Weight:	0.15 kg
WIRE SPECIFICATIONS:	
Input:	12", UL 1316 #18AWG (Black and White)
Output:	12", UL 1316 #18 AWG (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 location diagram shows a rectangular area representing the LED module. A red dot indicates the hottest spot. The 'LINE Input' is on the left and 'DC Output' is on the right. The red dot is located 0.6 inches from the top edge and 1.2 inches from the left edge.</p>



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