

**FEATURES**

**25W Constant Voltage LED Driver**

**LXWV-025 Series**

- Input Voltage 120VAC +/- 10% Input
- Total Power 25W
- Protection : Over Current and Short Circuit
- IP20 Design for Dry and Damp Location
- 5 YEAR warranty; RoHS Compliant
- UL 8750/ UL879 ; Type TL, SAM

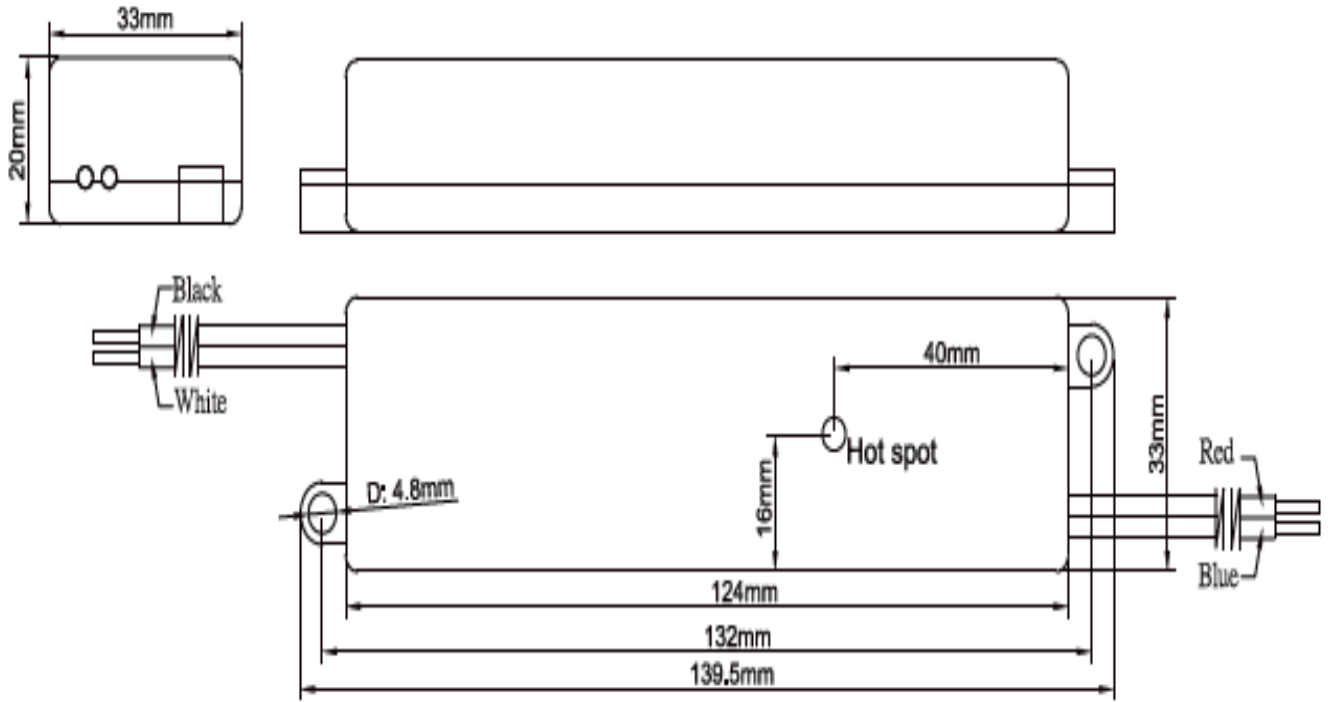


**SPECIFICATIONS**

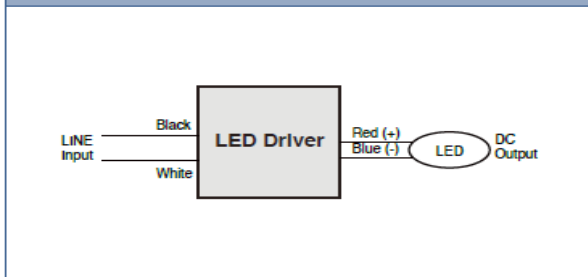
Model #		Output Current Range	Output Voltage	Max Output power	Remote mounting distance (#18 AWG)	Efficiency
<b>LXWV-025S036PS-20</b>		0 – 0.7A	36V	25W	54 ft	85%
Input	Voltage Range	120 Vac ±10%				
	Frequency Range	50/60Hz				
	Inrush Current	10A @ 120V				
	Power Factor	>0.9 @ full load , 120 through 277V				
	AC Current (Max.)	0.30A @120V				
	THD	<100%				
Output	Overshoot	<10% at full load condition				
	Voltage Tolerance	+/- 5% at full load condition				
	Load Regulation	+/- 2%				
	Line Regulation	+/- 1%				
	Ripple & Noise (pk-pk)	<10%				
	Leakage current	0.5mA max. at 120Vac				
	No load Power Consumption	<0.5W				
Protection	Protection	Over Current: Hic-up Mode, Auto recovery when fault is removed. Over Voltage: Hic-up Mode, Auto recovery when fault is removed. Short Circuit: Hic-up Mode, Auto recovery when fault is removed.				
	Withstand Voltage	I/P – O/P 2800 Vdc, 2mA				
Environmental	Temperature Range	Operational	- 40 ~ 60°C			
		Storage	- 40 ~ 85°C			
	Humidity	5 ~ 95% RH				
	Case Temperature (Max.)	90°C				

Safety & EMC	Safety Standards	UL8750 and UL879 Approved				
	EMC Immunity	EN61000-3-2, FCC, 47CFR Part 15 Class B(Consumer Limit)				
Others	MTBF	429,000 hours at 40°C ambient (~70°C Case temp)				
	Life Time	52,500 Hours at 120Vac input, 100% Load and 60 C case temp.				
	Dimensions	(L*W*H*M) 5.49 *1.30*0.79 & 5.20M inches / 139.5*33*20 & 132M millimeters				
	Weight	0.14kg				

Mechanical Specification



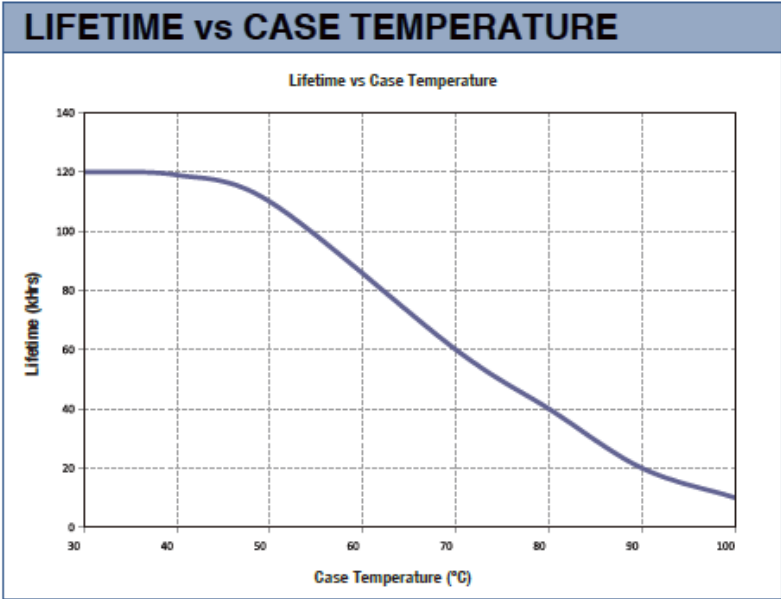
WIRING DIAGRAM



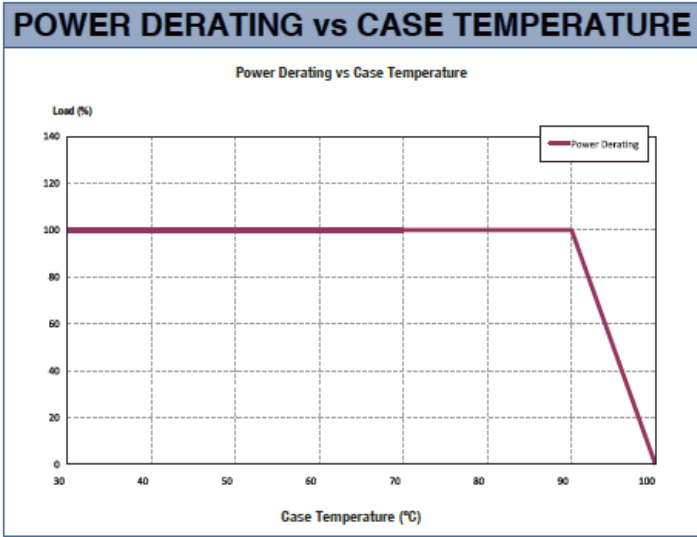
Wire Specification

Wire Specification	
Input	12", UL 1316 #18AWG (White, Black )
Output	12", UL 1316 #18AWG (Red and Blue)

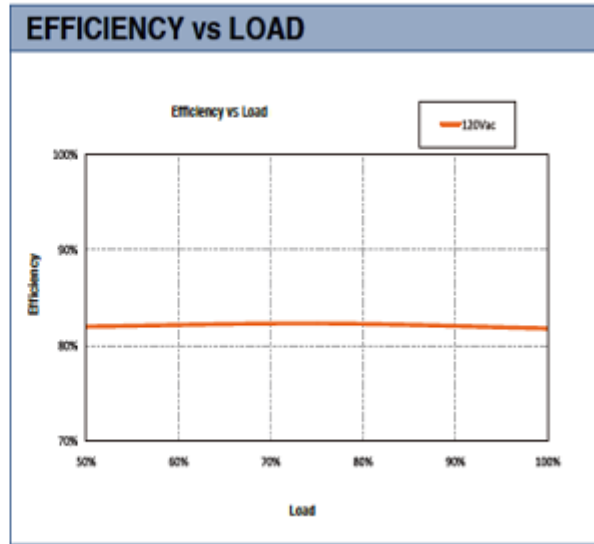
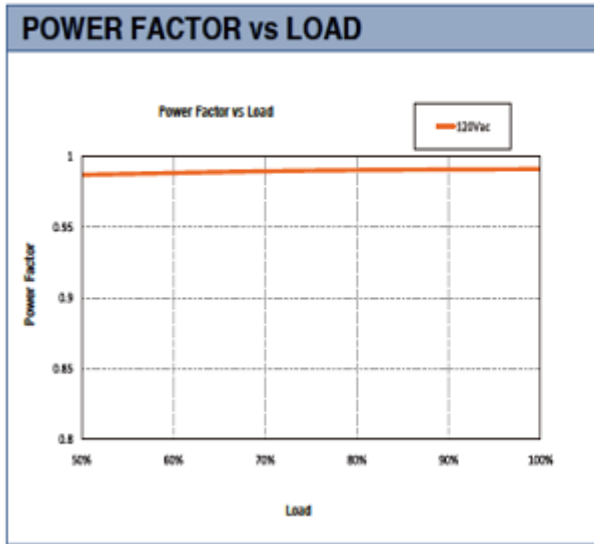
Life Time vs. Case Temperature Curve



Power derating vs. Case Temperature



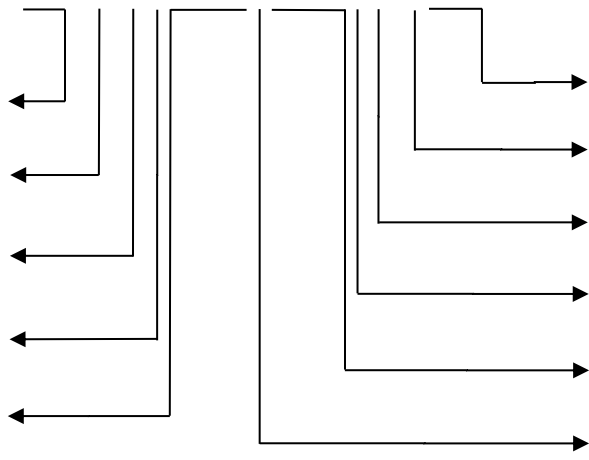
Load vs Power Factor & Efficiency



PART NUMBER SCHEME

LXLV-025036PS-x20

- LX=LED Driver Series
- L= Input Voltage 120vac
- V= Constant Voltage
- = Non-Dimming
- 025= Output Power (Watts)



- 20= IP20
- X= J: Junction Box, N: W2 Narrow Metal Case, L: L5 Long Metal Case, W: White
- S= Class II, 2 Wire Input
- P= Plastic Case
- 036= Rated Voltage
- S= Single Output

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