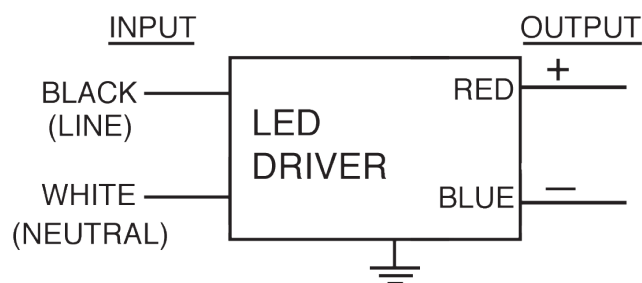


**ELECTRICAL SPECIFICATIONS:**

Output Power	Input Power	Input Current	Min PF (full load)	Max THD (full load)	Output Voltage	Output Current	T case Max	Minimum Starting Temp	Efficiency Up To	IP Rating
25W	31	0.26A @ 120V 0.12A @ 277V	>0.9	<20%	24V ±5%	0.1 to 1.04A	90° C	-40° C	80%	30

**WIRING:**



**PHYSICAL:**



**Dimensions**

Length	4.9"
Width	2.5"
Height	1.14"
Mounting Length	4.48"
Mounting Hole Distance	1.57"
Mounting Hole Diameter	.20"
Weight	.61 lbs.
Case Qty.	40 pcs.

**SAFETY:**

- UL and cUL Recognized
- UL1310 Class 2
- UL Outdoor Type I
- Class A sound rating
- Overload Protection
- Open/Short Circuit Protection
- LED driver has a life expectancy of 50,000 hours at Tcase of ≤75°C
- LED driver has a life expectancy of 100,000 hours at Tcase of ≤65°C
- Warranty: 5 yrs based on max case temp of <75°C; 3 yrs based on max case temp of 90°C\*
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (1 KV)

**INSTALLATION:**

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/I05C tinned strand copper lead-wires are required for installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded



\*AC Electronics/AC LED Power Designs warrants to the purchaser that each LED Driver will be free from defects in material or workmanship for a period of 5 years when operated at max case temp of up to <75°C; 3 years from date of manufacture when operated at a max case temp of up to 90°C when properly installed and under normal conditions of use. See [aceleds.com](http://aceleds.com) for complete warranty policy.

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Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.



## Input Specifications

Parameter	Min.	Typ.	Max.	Notes
Input Voltage	108V	120/277V	305V	
Input Current	-	-	0.26A RMS	@120Vac input with full load
Input Frequency	47Hz	60Hz	63Hz	
Leakage Current	-	-	0.7mA	@120Vac input
Turn On Time	-	-	1.0s	@120Vac input at full load
Hold Up Time	-	-	0.1s	@Nominal input and full load
Efficiency	78%	80%	82%	@277Vac input at full load
Standby Power	-	-	3W	
Current Total Harmonic	-	-	20%	

## Output Specifications

Parameter	Min.	Typ.	Max.	Notes
Output Voltage	36V	-	60V	
Output Current	-	1040mA	-	
No-Load Output Voltage	25.2V	24V	22.6V	
Rated Current	990mA	1040mA	1100mA	
Rated Power	-	25W	-	
Line Regulation	-	-	±5%	
Output Current Ripple	-	±10%	-	

## General Specifications

Parameter	Min.	Typ.	Max.	Notes
MTBF	-	100,000 Hours	-	@25°C ambient temperature
Lifespan Time	75,000 Hours	-	-	In the range of specification required by normal use of the power supply at ambient temperature 55°C
Cold Start	-	-	1.0s	@-40°C

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## Environmental Specifications

Parameter	Min.	Typ.	Max.	Notes
Operation Temperature	-40°C	-	50°C	
Storage Temperature	-40°C	-	80°C	
Humidity	10%	-	90%	

High Temperature Durability	Switch ON/OFF Test
Power storage environment at 80°C 24 hours, will not damage the electrical, mechanical properties and also not cause other adverse reactions.	Power at ambient temperature 25°C 1s/on, 1s/off, last up to 10,000 cycles, will not damage the electrical, mechanical properties and also not cause other adverse reactions.

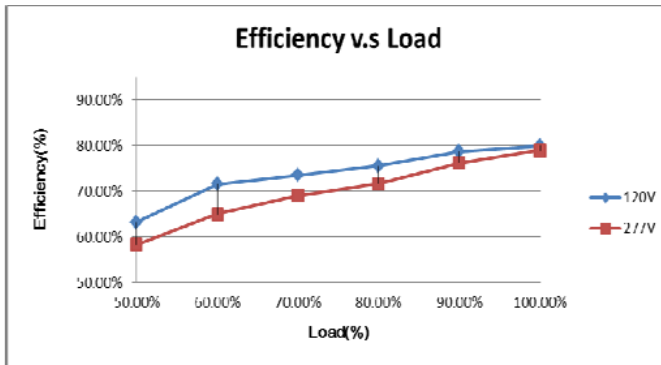
## Safety and EMC Compliance

Safety Standards	Withstand Voltage	Isolation Resistance	EMC Standards	
UL8750 UL1310	I/P-O/P: 2.0K Vac I/P-FG: 2.0K Vac O/P-FG: 0.5K Vac	I/P-O/P: I/P-FG: O/P-FG: 100Mohm/500VDC	EMI	EMS
			FCC Part 15 class A UL8750 CSA C22.2 No. 250.13-14	FCC Part 15 class A UL8750

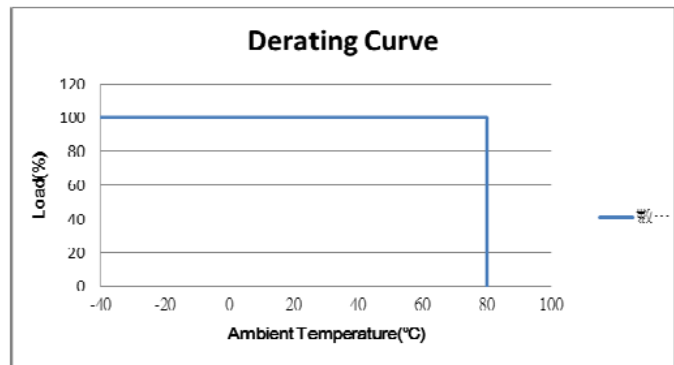
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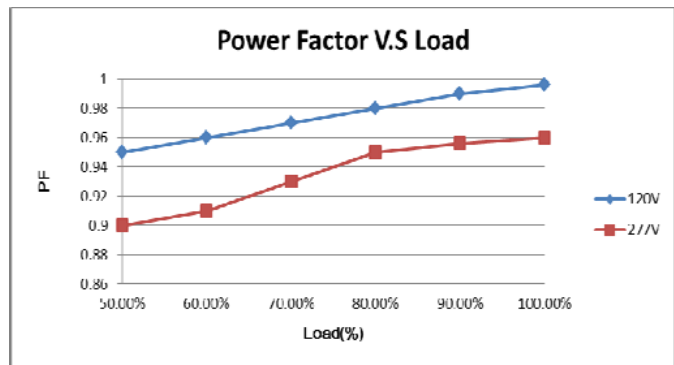
### Efficiency V.S. Load



### Derating Curve



### Power Factor V.S. Load



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