



## Constant Voltage LED Driver

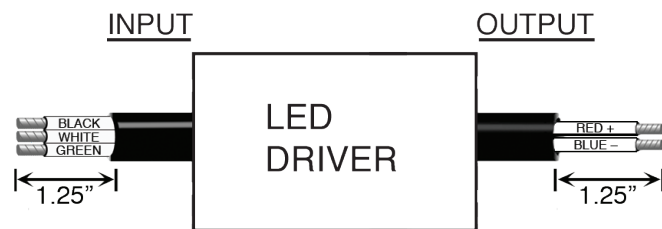
**Model Number**  
**AC-60V12A5.0LL**

Input Voltage: 120-277V  
Input Frequency: 50/60Hz  
Side Mount/Leads

### ELECTRICAL SPECIFICATIONS:

Output Power	Input Power	Input Current	Min PF (full load)	Max THD (full load)	Output Voltage	Output Current	T case Max	Min Starting Temp	Efficiency Up To
60W	73W	0.61A @ 120V 0.27A @ 277V	>0.95	<15%	12V $\pm$ 5%	0.5 to 5A	90° C	-40° C	87%

### WIRING:



Lead Lengths			
Black	5.9"	Blue	5.9"
White	5.9"	Red	5.9"
Green	5.9"		

### PHYSICAL:



### Dimensions

Length	9.5"
Width	1.7"
Height	1.14"
Mounting Length	8.9"
Mounting Hole Distance	1.0"
Mounting Hole Diameter	.20"
Weight	1.32 lbs.
Case Qty.	30 pcs.

### SAFETY:

- UL and cUL Recognized
- UL Outdoor Type 3
- Class A sound rating
- Jacketed cable (H05RN-F) input and output

- Class A sound rating
- Overload Protection
- Open/Short Circuit Protection
- LED driver has a life expectancy of 50,000 hours at Tcase of  $\leq 75^{\circ}\text{C}$
- LED driver has a life expectancy of

100,000 hours at Tcase of  $\leq 65^{\circ}\text{C}$

- Warranty: 5 yrs based on max case temp of  $< 75^{\circ}\text{C}$ ; 3 yrs based on max case temp of  $90^{\circ}\text{C}^*$
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (2 KV)

### INSTALLATION:

- IP 66 Harsh Waterproof
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned stranded copper lead-wires are required for installation



\*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  $< 75^{\circ}\text{C}$ ; 3 years from date of manufacture when operated at a max case temp of up to  $90^{\circ}\text{C}$  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.

