



## Constant Voltage LED Driver

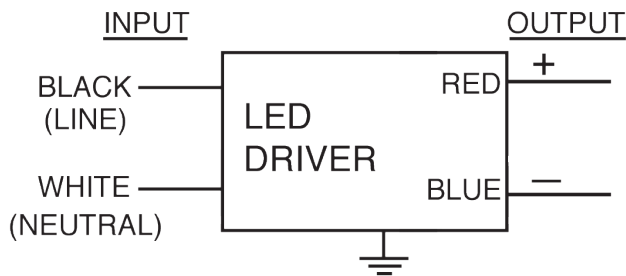
# Model Number AC-A50V24H2.IC

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

### ELECTRICAL SPECIFICATIONS:

Output 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
50W	0.49A @ 120V 0.21A @ 277V	>0.95	<10%	24V ±5%	0.21 to 2.1A	90° C	-40° C	86.2%	IP66

### WIRING:



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

### PHYSICAL:



Dimensions	
Length	6.77"
Width	2.40"
Height	1.22"
Mounting Length	6.22"
Mounting Hole Distance	1.26"
Mounting Hole Diameter	.28"
Weight	1.05 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 (2 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.