

## Constant Voltage LED Driver

# **Model Number** AC-A12V24H0.5M

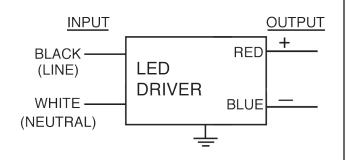
Input Voltage: I20-277V Input Frequency: 50/60Hz

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
I2W	0.12A @ 120V 0.06A @ 277V	>0.90	<25%	24V ±5%	0.05 to 0.5A	90° C	-40° C	78.6%	IP66

## **WIRING:**



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

## **PHYSICAL:**



Dimensions				
Length	4.21"			
Width	1.41"			
Height	1.14"			
Mounting Length	3.9"			
Weight	.44 lbs.			
Case Qty.	100 pcs.			

## **SAFETY:**

- UL and cUL Recognized, Class 2
- UL Outdoor Type I
- · Class A sound rating
- No PCBs
- 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/105C 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 <u>aceleds.com</u> 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.

