



## Constant Voltage LED Driver

# Model Number ACI50VD24A6.2KD

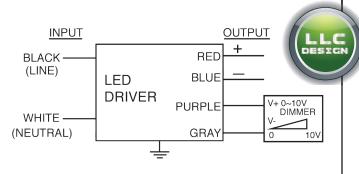
Input Voltage: I20-277V Input Frequency: 50/60Hz Side Mount/Leads

New Improved High Efficiency

### **ELECTRICAL SPECIFICATIONS:**

Output Power Max.	Input Current	Input Power	Minimum PF (full load)	Max. THD (full load)	Output Voltage	Output Current	T case Max.	Minimum Starting Temp.	Efficiency up to	Dimming Protocol	Dimming Range
150W	1.48A @ 120V 0.62A @ 277V	163W	>0.95	<20%	24V ±10%	0.625-6.25A	90° C	-40° C	90%	0 to 10V	10 to 100%

#### **WIRING:**



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

## **PHYSICAL:**



Dimensions				
Length	9.5"			
Width	2.64"			
Height	1.6"			
Mounting Length	8.9"			

#### **SAFETY:**

- UL and cUL Recognized
- 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  $<75^{\circ}C^{*}$  3 yrs based on max case temp of  $<90^{\circ}C$
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (6 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 25 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.

