



Constant Current LED Driver

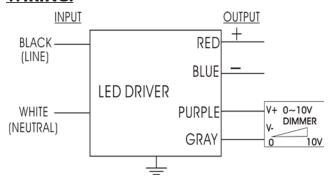
Model Number ACI50CD2.0AT5

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

ELECTRICAL SPECIFICATIONS:

Output Power	Input Current	Input Power	Min PF (full load)	Max THD (full load)	Output Voltage	IP Rating	Output Current	T case Max	Min. Start Temp	Dimming Protocol	Dim- ming	Efficiency Up To
150VV	1.45@120V 0.64@277V	166W	>0.9	<20	45-75	66	2000mA +/-5%	90°C	-40°C	0 to 10V	10 to 100%	90

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	2.6"			
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°C; 3 yrs based on max
- case temp of 90°C*
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (6 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 90°C when properly installed and under normal conditions of use. See 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.

