



## Constant Current LED Driver

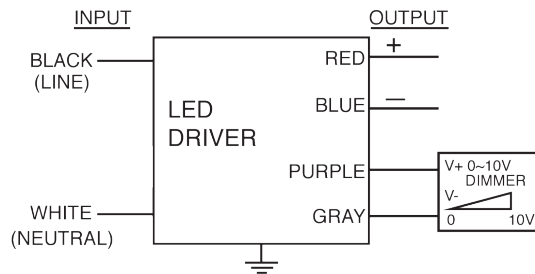
### Model Number **ACI20CDI.05A2T**

Input Voltage: 120-277V,  
Input Frequency: 50/60Hz  
Side Mount/Leads  
Tcase 90°C down to 25% Load  
E-cap Rating - 130°C/5000Hr

### ELECTRICAL SPECIFICATIONS:

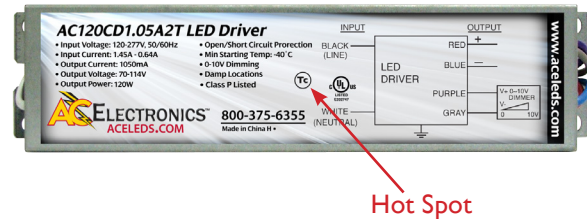
Output Power Max	Input Power	Input Current	Min PF (full load)	Max THD (full load)	Output Voltage	Output Current	T case Max	Min Starting Temp	Efficiency Up To	IP Rating	Dimming Protocol	Dimming Range
120W	134W	1.45A@120V 0.64A@277V	>0.9	<20	70-114V	1050mA ± 5%	90°C	-40°C	90%	66	0 to 10V	10 to 100%

### WIRING:



Lead Lengths					
Black	5.9"	Blue	5.9"	Purple	7.1"
White	5.9"	Red	5.9"	Gray	7.1"

### PHYSICAL:



Dimensions			
Length	9.5"	Height	1.57"
Width	2.4"	Mounting Length	8.9"

### SAFETY:

- Class P Listed
- 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 (3 KV)

### INSTALLATION:

- IP 66 Harsh Weatherproof
- 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°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.

