

## Constant Current LED Driver

# Model Number AC-252CD1.4ATI5

Input Voltage: 120 - 277V

Input Frequency: 50/60Hz

Side Mount/Leads

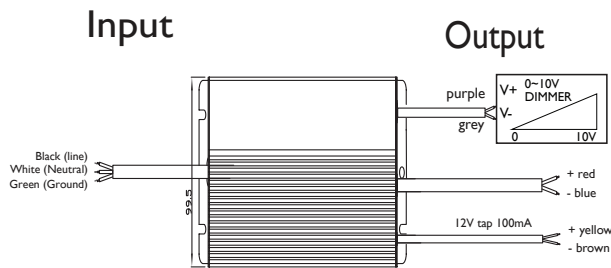
Dim-to-Cool



### 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
252W	280W	2.34A@120V 1.01A@277V	>0.9	<15	108-180V	1400mA +/- 5%	85°C	-40°C	90%	67	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"
Green	5.9"	Yellow	5.9"	Brown	5.9"

Dim-to-Cool trigger point temperature = 85°C

### PHYSICAL:



### Dimensions

Length	9.2"
Width	3.9"
Height	2.0"

### SAFETY:

- UL and cUL Recognized
- UL Outdoor Type I
- Dim-to-Cool Thermal Protection
- 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 years based on max case temp of 70°C; 3 yrs based on a max case temperature of 85°C.\*
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (6 KV)

### INSTALLATION:

- 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 70°C; 3 years from date of manufacture when operated at a max case temp of up to 85°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.

