

Constant Current LED Driver

**Model Number AC25CD700AT2Q**

Input Voltage: 120-277VAC ( $\pm 10\%$ )     Dimming: 5 to 100%  
 Input Frequency: 50/60Hz     Surge Protection: 2Kv  
 Side Mount/Leads     Multi-Switching Current

**PHYSICAL:**

Dimensions	
Length	2.88"
Width	1.43"
Height	1.07"
Mounting	2.68"
Weight	0.15 lbs.



**The Smallest Possible Form Factors™**

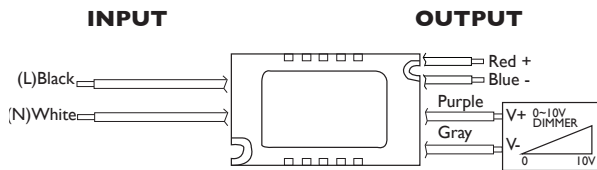


**Actual Size**

**ELECTRICAL SPECIFICATIONS:**

Output Power Max.	Input Power	Input Current	Minimum PF (full load)	Max. THD (full load)	Output Voltage	Output Current	T case Max.	Minimum Starting Temp.	IP Rating	Dimming Protocol	Dimming Range	Efficiency Up To
25.2W	28.6W	0.27A@120V 0.11A@277V	>0.9	<20	24-36V	700mA $\pm 5\%$	75° C	0° C	20	0 to 10V	5 to 100%	88%
18W	20.5W	0.19A@120V 0.08A@277V	>0.9	<20	24-36V	500mA $\pm 5\%$	75° C	0° C	20	0 to 10V	5 to 100%	88%
12.6W	14.7W	0.14A@120V 0.06A@277V	>0.9	<20	24-36V	350mA $\pm 5\%$	75° C	0° C	20	0 to 10V	5 to 100%	86%

**WIRING:**



Lead Lengths					
Black	12"	Blue	6"	Purple	6"
White	12"	Red	6"	Gray	6"

Approved Dimmers			
Lutron	NTSTV-DV	Leviton	IP710 DL
Lutron	NFTV	Watt Stopper	ADF I20277

**SAFETY & PERFORMANCE:**

- Class P Listed
- Class A sound rating
- No PCBs
- Open/Short Circuit Protection
- LED driver has a life expectancy of 50,000 hours at Tcase of  $\leq 75^{\circ}\text{C}$
- Warranty: 5 yrs based on max case temp of  $75^{\circ}\text{C}^*$
- Input/Output Isolation
- Surge Protection (2 KV)
- Dimming Curve on the next page

**INSTALLATION:**

- LED drivers shall be installed inside electrical enclosures
- 22 AWG 600V/105C tinned stranded copper lead-wires are required to use in installation
- Max Remote installation distance is 33 ft



\*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 from date of manufacture when operated at max case temp of up to  $\leq 75^{\circ}\text{C}$  when properly installed and under normal conditions of use.

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.





# "Match-Book Sized" LED Driver Family

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