

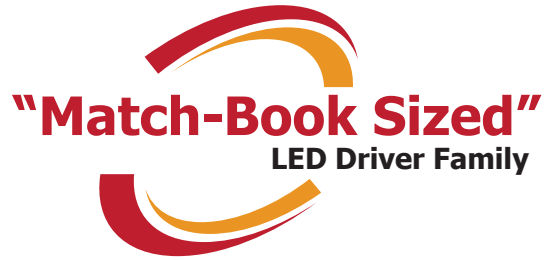
Constant Current LED Driver

Model Number AC25CD700AT2Q

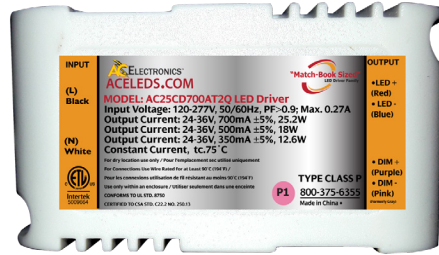
Input Voltage: 120-277VAC (±10%) Dimming: 5 to 100%
 Input Frequency: 50/60Hz Surge Protection: 2KV
 Side Mount/Leads Multi-Switching Current

PHYSICAL:

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



The Smallest Possible Form Factors™



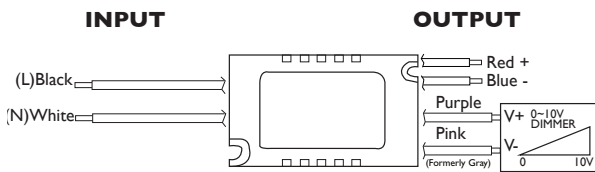
Actual Size

P1

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±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±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±5%	75° C	0° C	20	0 to 10V	5 to 100%	86%

WIRING:



Note: Gray (-) dimming wire has been changed to pink per the 2020 NEC section 410.69 and NEMA.

Lead Lengths					
Black	12"	Blue	6"	Purple	6"
White	12"	Red	6"	Pink	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 ≤75°C
- Warranty: 5 yrs based on max case temp of 75°C*
- Input/Output Isolation
- Surge Protection (2 KV)
- Gray (-) dimming wire has been changed to pink per the 2020 NEC section 410.69 and NEMA.
- Dimming Curve on the next page
- Max Remote installation distance is 33 ft

INSTALLATION:

- LED drivers shall be installed inside electrical enclosure
- 22 AWG 600V/105C tinned stranded copper lead-wires are required to use in 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 from date of manufacture when operated at max case temp of up to ≤75°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.





“Match-Book Sized” LED Driver Family

The Smallest Possible Form Factors

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AC25CD700AT2Q

