



The Smallest Possible Factors™

# Constant Current LED Driver

## Model Number AC25CD700AT2Q

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

### PHYSICAL DIMENSIONS:

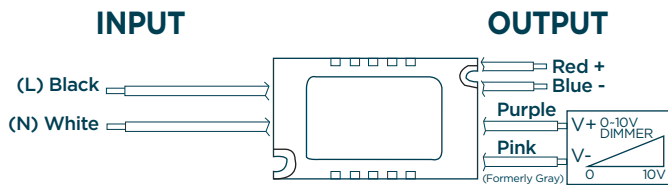
- Length:** 2.88"
- Width:** 1.43"
- Height:** 1.07"
- Mounting:** 2.68"
- Weight:** 0.15 lbs.



### 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 Temps.	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 10 V	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 10 V	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 10 V	5 to 100%	86%

### WIRING:



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

### LEAD LENGTH:

- Black 12"
- White 12"
- Blue 6"
- Red 6"
- Purple 6"
- Pink 6"

### APPROVED DIMMERS:

- Lutron NTSTV-DV
- Lutron NFTV
- Leviton IP710 DL
- Watt Stopper ADF 120277

To order or consult with one of our engineers, contact us at:  
**800-375-6355 / aceleads.com**



### 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)
- Dimming Curve on the next page
- Gray (-) dimming wire has been changed to pink per the 2020 NEC section 410.69 and NEMA.

### INSTALLATION:

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

\*ACE LEDS/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](http://aceleds.com) for complete warranty policy.

### PERFORMANCE METRICS: AC25CD700AT2Q

