



The Smallest Possible Factors™



Constant Current LED Driver

Model Number

AC29CD700AT2Q

Input Voltage: 120-277 VAC ($\pm 10\%$)

Input Frequency: 50/60 Hz

Dimming: 0 to 100%

Surge Protection: 2 Kv

Side Mount/Leads

Multi-Switching Current

Dim-to-Off

PHYSICAL DIMENSIONS:

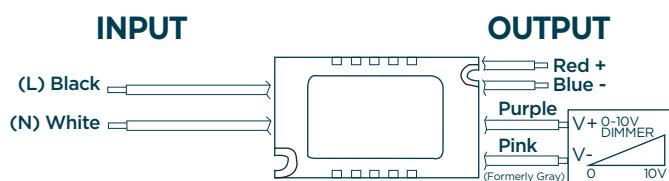
Length: 2.88"
 Width: 1.43"
 Height: 1.07"
 Mounting: 2.68"
 Weight: 0.15 lbs.



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 |
|------------------|-------------|----------------------------------|---------------------|----------------------|----------------|------------------|-------------|----------------------|-----------|------------------|---------------|------------------|
| 29 W | 33 W | 0.28 A @ 120 V 0.12 A @ 277 V | >0.9 | <20 | 20-42 V | 700 mA $\pm 5\%$ | 75° C | 0° C | 20 | 0 to 10 V | 0 to 100% | 88% |
| 21 W | 24 W | 0.20 A @ 120 V 0.09 A @ 277 V | >0.9 | <20 | 20-42 V | 500 mA $\pm 5\%$ | 75° C | 0° C | 20 | 0 to 10 V | 0 to 100% | 88% |
| 15 W | 17 W | 0.14 A @ 120 V 0.06 A @ 277 V | >0.9 | <20 | 20-42 V | 350 mA $\pm 5\%$ | 75° C | 0° C | 20 | 0 to 10 V | 0 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" | Blue | 6" | Purple | 6" |
| White | 12" | Red | 6" | Pink | 6" |

APPROVED DIMMERS:

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

To order or consult with one of our engineers, contact us at:

800-375-6355 / aceleds.com

SAFETY & PERFORMANCE:

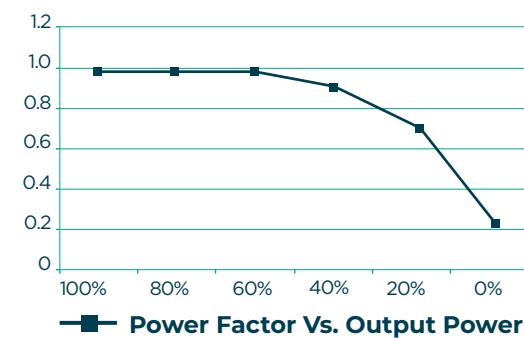
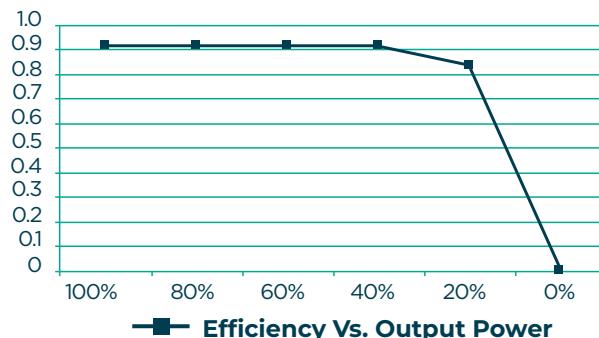
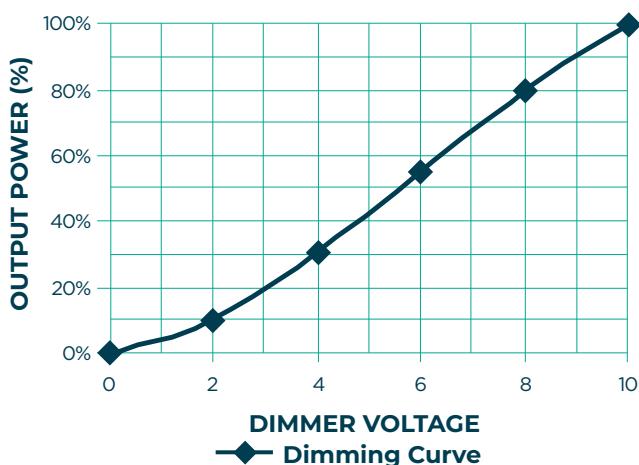
- Class A sound rating
- No PCBs
- Open/Short Circuit Protection
- LED driver has a life expectancy of 50,000 hours at Tcase of $\leq 75^{\circ}\text{C}$
- Warranty: 5 yrs based on max case temp of 75°C^*
- Input/Output Isolation
- Surge Protection (2 KV)
- Suitable for Dry Location
- Dimming Curve on 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 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. See aceleds.com for complete warranty policy.

PERFORMANCE METRICS: AC29CD700AT2Q



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800-375-6355 • aceleds.com

Data is based upon tests performed by ACE LEDS 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.

