



The Smallest Possible Factors™



# Constant Current LED Driver Model Number AC15CD250AT2Q

**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:** 2.29"  
**Width:** 1.20"  
**Height:** 0.91"  
**Mounting:** 2.2"  
**Weight:** 0.10 lbs.

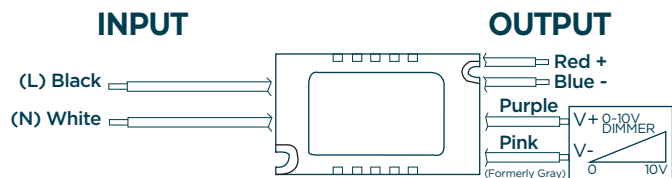
ACTUAL SIZE



## 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. | IP Rating | Dimming Protocol | Dimming Range | Efficiency Up To |
|-------------------|-------------|------------------------------|---------------------|----------------------|----------------|------------------|-------------|---------------------|-----------|------------------|---------------|------------------|
| 15 W              | 17.2 W      | 0.16 A@120 V<br>0.07 A@277 V | >0.9                | <20                  | 32-60 V        | 250 mA $\pm 5\%$ | 75° C       | 0° C                | 20        | 0 to 10 V        | 0 to 100%     | 87%              |
| 10.5 W            | 12.2 W      | 0.11 A@120 V<br>0.05 A@277 V | >0.9                | <20                  | 32-60 V        | 175 mA $\pm 5\%$ | 75° C       | 0° C                | 20        | 0 to 10 V        | 0 to 100%     | 86%              |
| 6 W               | 7.3 W       | 0.07 A@120 V<br>0.03 A@277 V | >0.9                | <20                  | 32-60 V        | 100 mA $\pm 5\%$ | 75° C       | 0° C                | 20        | 0 to 10 V        | 0 to 100%     | 82%              |

## WIRING:



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

## LEAD LENGTH:

|          |         |           |
|----------|---------|-----------|
| Black 6" | Blue 6" | Purple 6" |
| White 6" | 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:

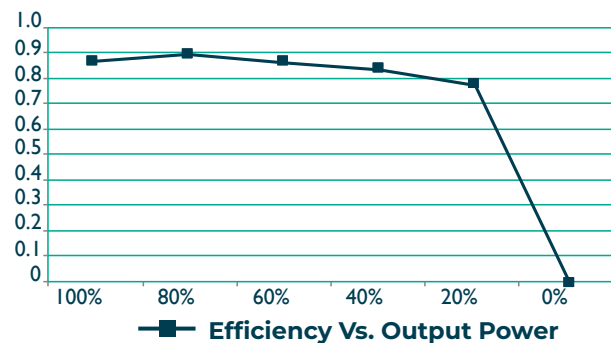
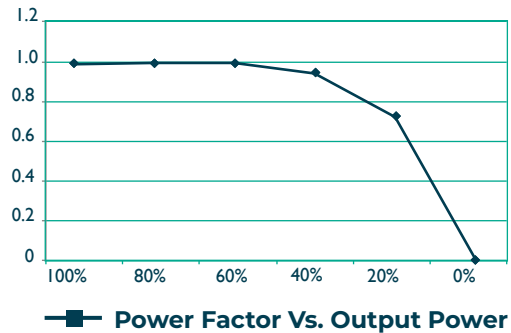
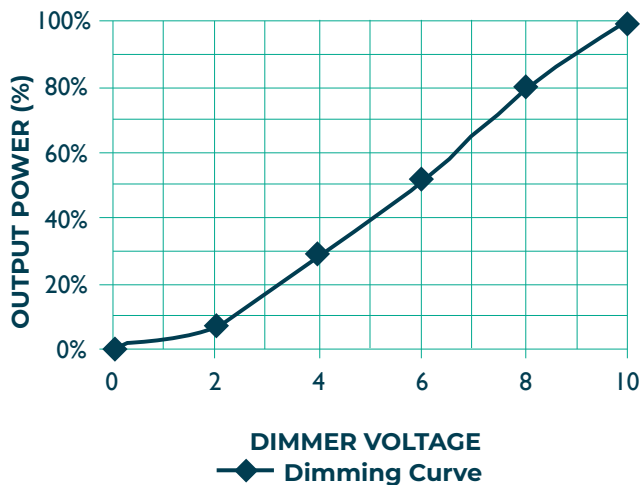
- Class P Listed
- Class A sound rating
- No PCBs
- Open/Short Circuit Protection
- LED driver has a life expectancy of 50,000 hours at Tcase of  $\leq 75^{\circ}\text{C}$
- Warranty: 5 yrs based on max case temp of  $75^{\circ}\text{C}$ \*
- Input/Output Isolation
- Surge Protection (2 KV)
- Suitable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

## PERFORMANCE METRICS: AC10CD250AT2K



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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.

