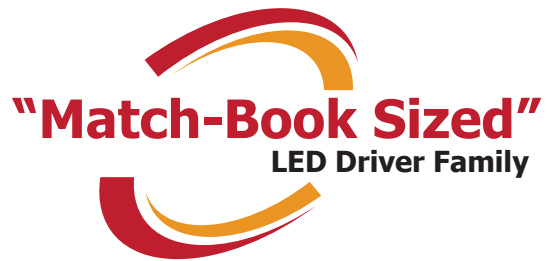


Constant Current LED Driver

Model Number AC15CD250AT2Q

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



The Smallest Possible Form Factors™

PHYSICAL:

| Dimensions | |
|------------|-----------|
| Length | 2.29" |
| Width | 1.20" |
| Height | 0.91" |
| Mounting | 2.2" |
| Weight | 0.10 lbs. |

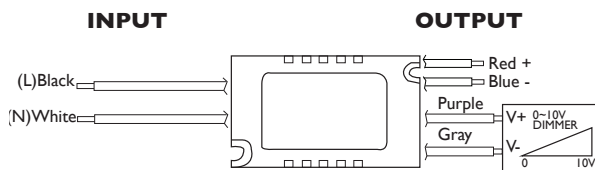


Actual Size

ELECTRICAL SPECIFICATIONS:

| Output Power Max. | Input Power | Input Current | 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 |
|-------------------|-------------|--------------------------|------------------------|----------------------|----------------|-----------------|-------------|------------------------|-----------|------------------|---------------|------------------|
| 15W | 17.2W | 0.16A@120V 0.07A@277V | >0.9 | <20 | 32-60V | 250mA $\pm 5\%$ | 75° C | 0° C | 20 | 0 to 10V | 5 to 100% | 87% |
| 10.5W | 12.2W | 0.11A@120V 0.05A@277V | >0.9 | <20 | 32-60V | 175mA $\pm 5\%$ | 75° C | 0° C | 20 | 0 to 10V | 5 to 100% | 86% |
| 6W | 7.3W | 0.07A@120V 0.03A@277V | >0.9 | <20 | 32-60V | 100mA $\pm 5\%$ | 75° C | 0° C | 20 | 0 to 10V | 5 to 100% | 82% |

WIRING:



| Lead Lengths | | | | | |
|--------------|----|------|----|--------|----|
| Black | 6" | Blue | 6" | Purple | 6" |
| White | 6" | 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°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.

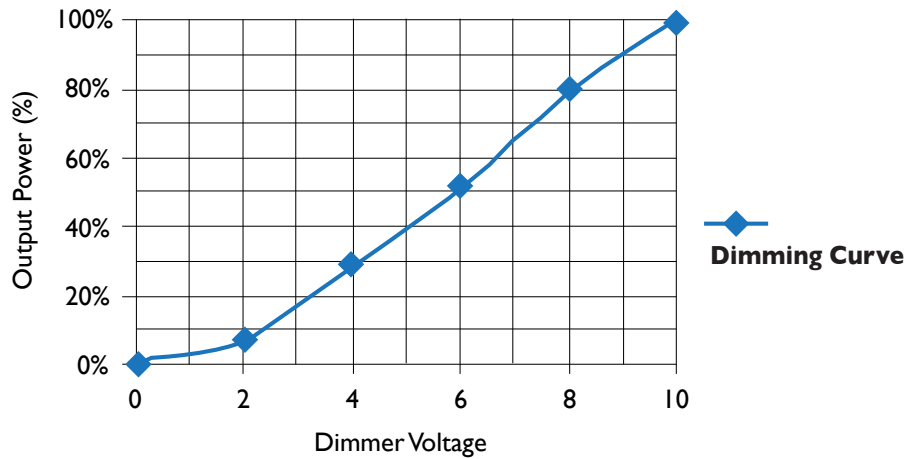




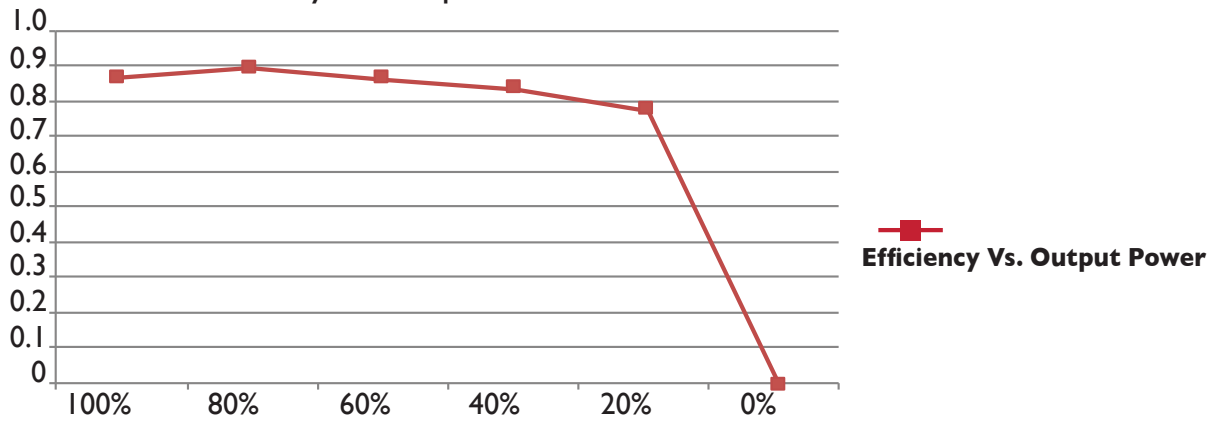
“Match-Book Sized” LED Driver Family

The Smallest Possible Form Factors

ACI5CD250AT2Q



Efficiency Vs. Output Power



Power Factor Vs. Output Power

