

# PRELIMINARY SPEC



## Constant Current LED Driver

### Model Number AC-D22CD700UVDT

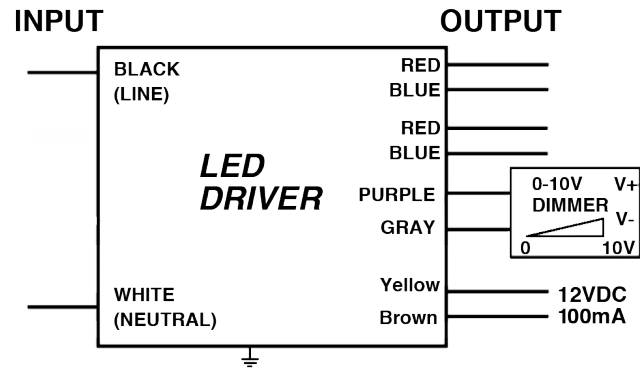
Input Voltage: 120-277V  
Input Frequency: 50/60Hz  
Side Mount/Leads



### ELECTRICAL SPECIFICATIONS:

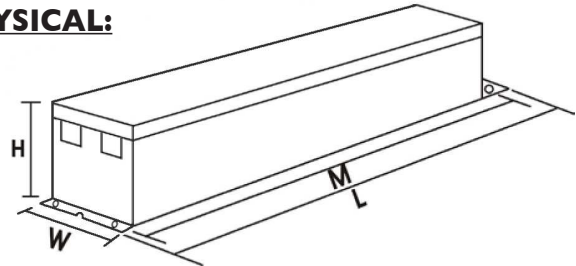
Output Power Max	Input Power	Input Current	Minimum PF (full load)	Max. THD (full load)	Output Voltage	Output Current	T case Max.	Min. Starting Temp.	Efficiency Up To	Dimming Protocol	Dimming Range	IP Rating
45W	54W	0.46A @ 120V 0.2A @ 277V	>0.9	<20%	24-32V	700mA±5%	90°C	-40°C	83%	0 to 10V	10 to 100%	66

### WIRING:



Lead Lengths	Purple	5.9"	Gray	5.9"	
Black	5.9"	Blue	5.9"	Yellow	5.9"
White	5.9"	Red	5.9"	Brown	5.9"

### PHYSICAL:



Dimensions	
Length	12.8"
Width	1.34"
Height	1.14"
Mounting Length	12.5"
Weight	xx lbs.
Case Qty.	xx pcs.

### 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 ≤75°C
- LED driver has a life expectancy of 100,000 hours at Tcase of ≤65°C
- Warranty: 5 yrs based on max case temp of <75°C; 3 yrs based on max case temp of 90°C\*
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (2 KV)

### INSTALLATION:

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required for installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded



\*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 when operated at max case temp of up to <75°C; 3 years from date of manufacture when operated at a max case temp of up to 90°C when properly installed and under normal conditions of use. See [aceleds.com](http://aceleds.com) for complete warranty policy.

3401 Avenue D, Arlington, TX 76011 • 800-375-6355 • [www.aceleds.com](http://www.aceleds.com)

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.