



A division of AC Electronics

**MULTI-CURRENT SWITCHING AND DIMMING**

**Switch-Hitter™**

Constant Current LED Driver

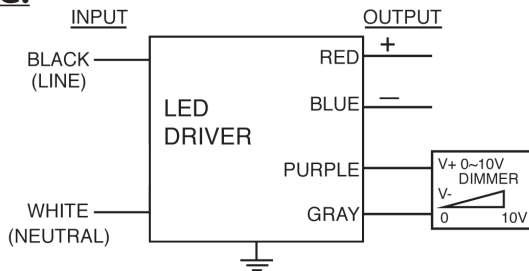
**Model Number  
AC-50CD1.4UV-TS**

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

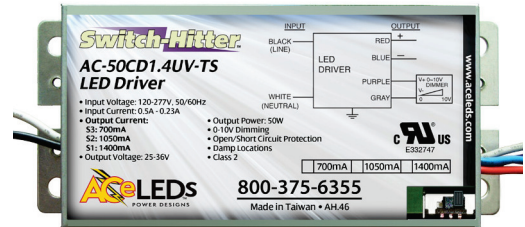
### ELECTRICAL SPECIFICATIONS:

Output Power Max.	Input Power	Input Current	Minimum PF (full load)	Max. THD (full load)	Output Voltage	Output Current	T case Max.	Minimum Starting Temp.	Efficiency Up To	Dimming Protocol	Dimming Range
50W	58W	0.5A @ 120V 0.23A @ 277V	>0.9	<20%	25-36V	1400mA±5%	90° C	-40° C	86%	0 to 10V	10 to 100%
38W	48W	0.4A @ 120V 0.17A @ 277V	>0.9	<20%	25-36V	1050mA±5%	90° C	-40° C	85%	0 to 10V	10 to 100%
25W	30W	0.25A @ 120V 0.11A @ 277V	>0.9	<20%	25-36V	700mA±5%	90° C	-40° C	84%	0 to 10V	10 to 100%

### WIRING:



### PHYSICAL:



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

Dimensions			
Length	6.5"	Mounting Length	5.9"
Width	2.9"	Weight	0.83 lbs.
Height	1.18"	Case Qty.	40 pcs.

### SAFETY & PERFORMANCE:

- UL and cUL Recognized, Class 2
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- Overload Protection
- 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.

