

# PRELIMINARY SPEC



## Switch-Hitter

Constant Current LED Driver

**Model Number**  
**AC-84CD2.0UV-TS**  
**AC-84CD2.0ATBCB**

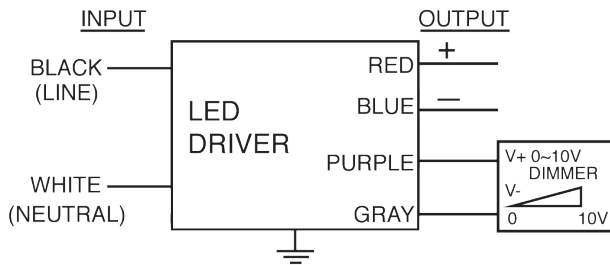
Input Voltage: 120-277V  
 Input Frequency: 50/60Hz  
 Bottom and Side Mount/Leads Options

**MULTI-CURRENT SWITCHING AND DIMMING**

### 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
84W	95W	0.79A @ 120V 0.34A @ 277V	>0.9	<20%	26-42V	2000mA±5%	90° C	-40° C	88%	0 to 10V	10 to 100%
63W	73W	0.61A @ 120V 0.26A @ 277V	>0.9	<20%	26-42V	1500mA±5%	90° C	-40° C	87%	0 to 10V	10 to 100%
42W	49W	0.41A @ 120V 0.18A @ 277V	>0.9	<20%	26-42V	1000mA±5%	90° C	-40° C	86%	0 to 10V	10 to 100%

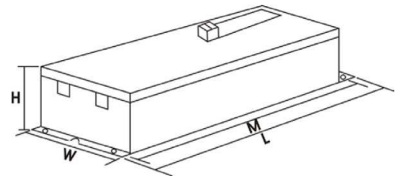
### WIRING:



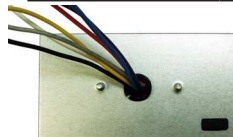
Lead Color	Length	Lead Color	Length	Lead Color	Length
Black	5.9"	Blue	5.9"	Purple	5.9"
White	5.9"	Red	5.9"	Gray	5.9"

### PHYSICAL:

Side Mount Option  
 Model Number:  
**AC-84CD2.0UV-TS**



Dimension	Value	Dimension	Value
Length	9.5"	Mounting Length	8.9"
Width	2.4"	Weight	xx lbs.
Height	1.46"	Case Qty.	xx pcs.



Bottom Mount Option  
 Model Number: **AC-84CD2.0ATBCB**  
 L/W/H: 5.43" x 3.58" x 1.57"

### 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 for complete warranty policy.



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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.

