

PRELIMINARY SPEC



Switch-Hitter™

Constant Current LED Driver

Model Number
AC-84CI.05UV-QS

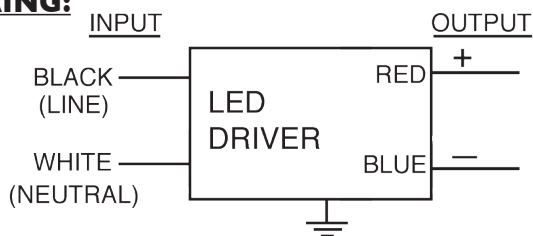
Input Voltage: 120-277V
Input Frequency: 50/60Hz
Side Mount/Leads

MULTI-CURRENT SWITCHING

ELECTRICAL SPECIFICATIONS:

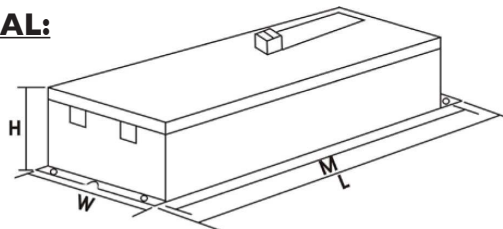
Output Power Max.	Input Power	Input Current	Minimum PF (full load)	Max. THD (full load)	Output Voltage	Output Current	T case Max.	Minimum Starting Temp.	Efficiency Up To	IP Rating
84W	95W	0.79A @ 120V 0.34A @ 277V	>0.90	<20%	68-80V	1050mA±5%	90° C	-40° C	88%	66
76W	87W	0.43A @ 120V 0.31A @ 277V	>0.90	<20%	68-80V	950mA±5%	90° C	-40° C	87%	66
56W	65W	0.54A @ 120V 0.24A @ 277V	>0.90	<20%	68-80V	700mA±5%	90° C	-40° C	86%	66
44W	51W	0.43A @ 120V 0.18A @ 277V	>0.90	<20%	68-80V	550mA±5%	90° C	-40° C	86%	66

WIRING:



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

PHYSICAL:



Dimensions			
Length	9.5"	Mounting Length	8.9"
Width	2.4"	Weight	lbs.
Height	1.46"	Case Qty.	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 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.