

Constant Current LED Driver

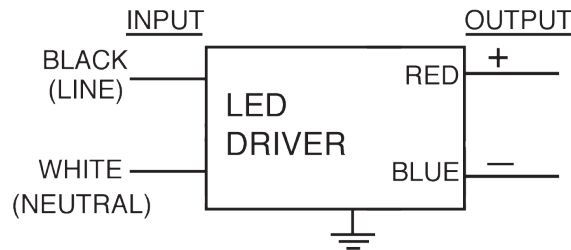
**Model Number**  
**AC-05C500UVN**

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

**ELECTRICAL SPECIFICATIONS:**

Input Voltages	Input Current	Min PF (full load)	Max THD (full load)	Output Voltage	Output Current	T case Max	Minimum Starting Temp	Efficiency Up To	IP Rating
120V to 277V 50/60Hz	0.122A @ 120V, 0.067A @ 277V	0.45	N/A	6 to 13V	500mA±5%	90° C	-40° C	70%	IP66

**WIRING:**



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

**PHYSICAL:**



Dimensions	
Length	4.21"
Width	1.41"
Height	1.14"
Mounting Length	3.9"
Hole Diameter	0.16"
Weight	.46 lbs.
Case Qty.	100 pcs.

**SAFETY:**

- UL and cUL certified
- UL1310 Class 2
- UL Outdoor Type I
- Class A sound rating
- 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 to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded



\*A.C.E. 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 www.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.