



**Switch-Hitter**

**Model Number**

**AC-40CD450UV-DS**

Type: Constant Current LED Driver

Input Voltage: 120-277V

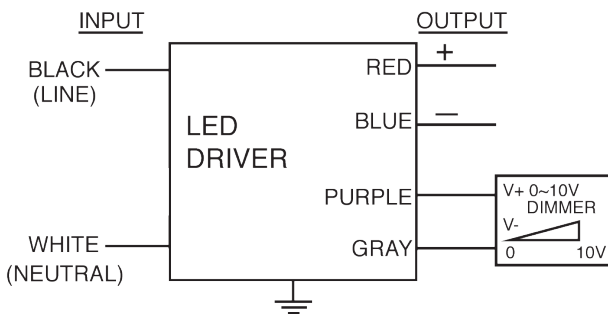
Input Frequency: 50/60Hz

**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
40W	48W @ 120V 47W @ 277V	0.4A @ 120V 0.17A @ 277V	>0.95	<20%	62-89V	450mA±5%	90° C	-40° C	83%	0 to 10V	10 to 100%
31W	38W @ 120V 37W @ 277V	0.32A @ 120V 0.14A @ 277V	>0.95	<20%	62-89V	350mA±5%	90° C	-40° C	82%	0 to 10V	10 to 100%

**WIRING:**



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

**PHYSICAL:**



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

**SAFETY & PERFORMANCE:**

- UL and cUL Recognized
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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.