



Switch-Hitter™

Model Number

AC-50CD700UV-QS

Type: Constant Current LED Driver

Input Voltage: 120-277V

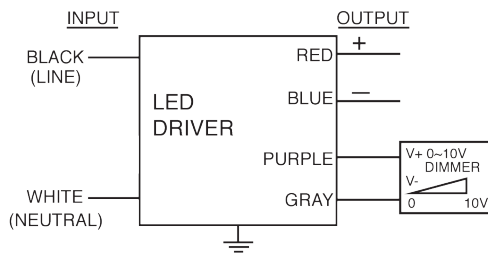
Input Frequency: 50/60Hz

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
50W	60W @ 120V 59W @ 277V	0.5A @ 120V 0.22A @ 277V	>0.95	<20%	49-71V	700mA±5%	90° C	-40° C	83%	0 to 10V	10 to 100%
39W	47W @ 120V 46W @ 277V	0.39A @ 120V 0.17A @ 277V	>0.95	<20%	49-71V	550mA±5%	90° C	-40° C	82%	0 to 10V	10 to 100%
32W	39W @ 120V 38W @ 277V	0.33A @ 120V 0.14A @ 277V	>0.95	<20%	49-71V	450mA±5%	90° C	-40° C	82%	0 to 10V	10 to 100%
25W	30W @ 120V 29W @ 277V	0.25A @ 120V 0.11A @ 277V	>0.95	<20%	49-71V	350mA±5%	90° C	-40° C	82%	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
- 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.