

MULTI-CURRENT SWITCHING AND DIMMING

Switch-Hitter

Constant Current LED Driver

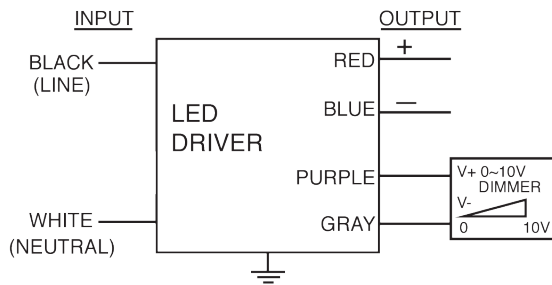
Model Number AC-150CD2.1ATDD

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

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
150W	170W	1.45A @ 120V 0.64A @ 277V	>0.95	<20%	43-71V	2100mA±5%	90° C	-40° C	87%	0 to 10V	10 to 100%
100W	115W	0.93A @ 120V 0.4A @ 277V	>0.95	<20%	43-71V	1400mA±5%	90° C	-40° C	86%	0 to 10V	10 to 100%
75W	88W	0.74A @ 120V 0.32A @ 277V	>0.95	<20%	43-71V	1050mA±5%	90° C	-40° C	85%	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	9.5"	Mounting Length	8.9"
Width	2.4"	Weight	XX lbs.
Height	1.46"	Case Qty.	XX 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 (6 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.



3401 Avenue D, Arlington, TX 76011 • 800-375-6355 • www.aceleds.com

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.

