

MULTI-CURRENT SWITCHING AND DIMMING

Switch-Hitter

Constant Current LED Driver

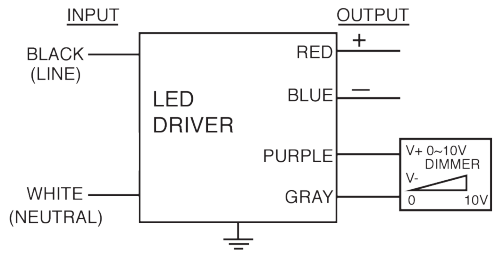
Model Number
AC-50CD2.5ARDQ
AC-50CD25ARBDQ

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	IP Rating	Dimming Protocol	Dimming Range
50W	58W	0.36A @ 120V 0.16A @ 277V	>0.9	<10%	12-20V	2500mA±5%	90° C	-40° C	86%	64	0 to 10V	10 to 100%
42W	50W	0.30A @ 120V 0.13A @ 277V	>0.9	<10%	12-20V	2100mA±5%	90° C	-40° C	85%	64	0 to 10V	10 to 100%
35W	42W	0.26A @ 120V 0.12A @ 277V	>0.9	<10%	12-20V	1750mA±5%	90° C	-40° C	84%	64	0 to 10V	10 to 100%
21W	25W	0.16A @ 120V 0.07A @ 277V	>0.9	<10%	12-20V	1050mA±5%	90° C	-40° C	83%	64	0 to 10V	10 to 100%

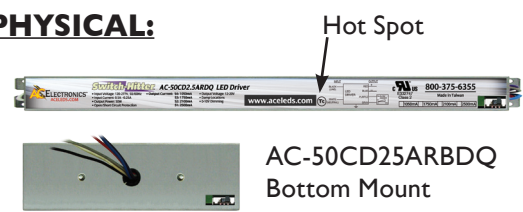
WIRING:



Lead Lengths

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

PHYSICAL:



Dimensions

Length	16.5"	Mounting Length	16.2"
Width	1.2"	Weight	xx lbs.
Height	1.09"	Case Qty.	xx pcs.

SAFETY & PERFORMANCE:

- UL and cUL Recognized
- Class 2
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP64
- 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 (3 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.