



A division of AC Electronics

MULTI-CURRENT SWITCHING AND DIMMING

Switch-Hitter™

Constant Current LED Driver

**Model Number
AC-47CD1.8BTPA**

Input Voltage: 347V

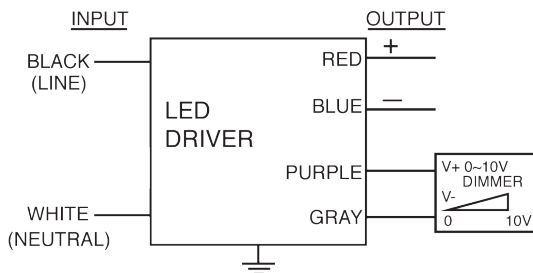
Input Frequency: 50/60Hz

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
47W	55W	0.16@347V	>0.9	<20	23-26V	1800mA	90°C	-40°C	86%	0 to 10V	10 to 100%
36W	42W	0.12@347V	>0.9	<20	23-26V	1400mA	90°C	-40°C	85%	0 to 10V	10 to 100%
23W	27W	0.08@347V	>0.9	<20	23-26V	900mA	90°C	-40°C	84%	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	12.8"
Width	1.34"
Height	1.14"
Mounting Length	12.5"
Weight	xx lbs.
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 years 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 UL approved 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 shall 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.



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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.

