

MULTI-

CURRENT SWITCHING AND DIMMING



Constant Current LED Driver

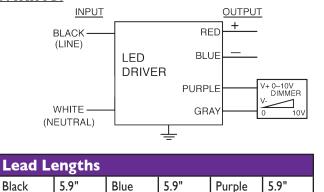
Model Number AC-47CDI.8BTPA

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	IP Rating	Dimming Protocol	Dimming Range
47W	55W	0.16@347V	>0.9	<20	23-26V	1800mA	90°C	-40°C	86%	64	0 to 10V	10 to 100%
36₩	42W	0.12@347V	>0.9	<20	23-26V	1400mA	90°C	-40°C	85%	64	0 to 10V	10 to 100%
23₩	27W	0.08@347V	>0.9	<20	23-26V	900mA	90°C	-40°C	84%	64	0 to 10V	10 to 100%

WIRING:



5.9"

SAFETY & PERFORMANCE:

Red

• UL and cUL Recognized

5.9"

- UL Outdoor Type I
- Class A sound rating
- No PCBs

White

• IP64

•Open/Short Circuit Protection

Gray

• LED driver has a life expectancy of 50,000 hours at Tcase of \leq 75°C

5.9"

- LED driver has a life expectancy of 100,000 hours at Tcase of $\leq 65^{\circ}C$
- Input/Output Isolation • FCC Title 47 CFR Part 15
 - Surge Protection (3 Kv)

90°C*

INSTALLATION:

- LED drivers shall be installed inside UL approved electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required for installation



*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 <u>aceleds.com</u> 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.



PHYSICAL:



Dimensions	
Length	12.8"
Width	1.34"
Height	1.14"
Mounting Length	12.5"
Weight	xx lbs.
Case Qty.	xx pcs.

• Warranty: 5 years based on max case temp of

Max Remote installation distance is 18 ft

· LED driver cases shall be grounded