

**Model Number  
AC-50CD2.1BWU**

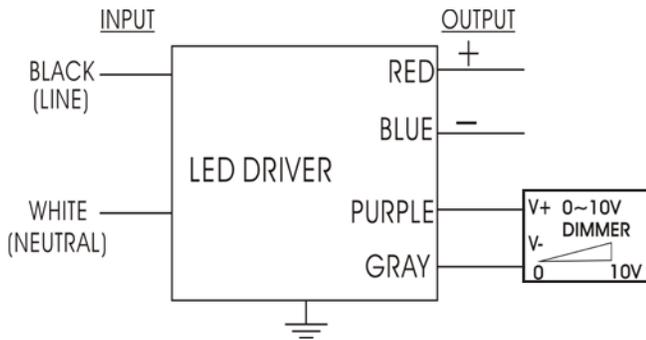
Input Voltage: 347V,  
Input Frequency: 50/60Hz  
Side Mount/Leads



**ELECTRICAL SPECIFICATIONS:**

Output Power Max	Input Power	Input Current	Min PF (full load)	Max THD (full load)	Output Voltage	Output Current	T case Max	Min Starting Temp	Efficiency Up To	Dimming Protocol	Dimming Range
50W	58W	0.28A@347V	>0.9	<20	14-24V	2100mA +/- 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"	Height	1.46"
Width	2.4"	Mounting Length	8.9"

**SAFETY:**

- UL and cUL Recognized
- UL Outdoor Type I
- Class A sound rating
- Overload Protection
- 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:**

- IP 66 Harsh Weatherproof
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded
- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned stranded 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 [aceleds.com](http://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.

