

**Model Number**  
**AC50CDI.05BTB4V**

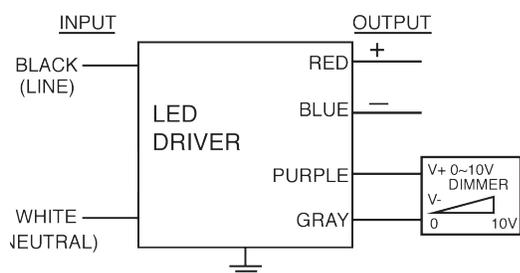
Input Voltage: 347V  
Input Frequency: 50/60Hz  
Bottom Mount/Leads

**MULTI-CURRENT SWITCHING AND DIMMING**

**ELECTRICAL SPECIFICATIONS:**

Output Power Max.	Input Power	Input Current	Minimum PF (full load)	Max. THD (full load)	Output Voltage	Output Current	T case Max.	Min. Start Temp.	IP Rating	Efficiency Up To	Dimming Protocol	Dimming Range
50W	59W	0.17A@347V	>0.90	<20	29-48V	1050mA +/- 5%	90°C	-40°C	64	86%	0 to 10V	10 to 100%
34W	42W	0.12A@347V	>0.90	<20	29-48V	700mA +/- 5%	90°C	-40°C	64	85%	0 to 10V	10 to 100%
24W	30W	0.1A@347V	>0.90	<20	29-48V	500mA ± 5%	90°C	-40°C	64	84%	0 to 10V	10 to 100%

**WIRING:**



**PHYSICAL:**



Lead Lengths					
Black	5.9"	Blue	5.9"	Purple	7.9"
White	5.9"	Red	5.9"	Gray	7.9"

Dimensions	
Length	5.3"
Width	2.9"
Height	1.18"

**SAFETY & PERFORMANCE:**

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

