





## Constant Current LED Driver

# **Model Number** AC-40CDI.05BTLY

Input Voltage: 347V

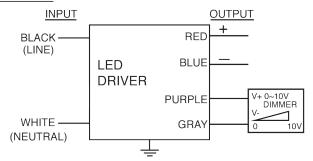
Input Frequency: 50/60Hz

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- Start Temp.	Efficiency Up To	IP Rating	Dimming Protocol	Dimming Range
40W	48W @ 347V	0.14A @ 347V	>0.9	<20%	22-38V	1050mA±5%	90° C	-40° C	83%	64	0 to 10V	10 to 100%
26W	31W @ 347V	0.09A @ 347V	>0.9	<20%	22-38V	700mA±5%	90° C	-40° C	82%	64	0 to 10V	10 to 100%
19W	23W @ 347V	0.07A @ 347V	>0.9	<20%	22-38V	500mA±5%	90° C	-40° C	81%	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	6.5"			
Width	2.9"			
Height	1.18"			
Mounting Length	5.9"			
Weight	xx lbs.			
Case Qty.	xx pcs.			

#### **SAFETY & PERFORMANCE:**

- UL and cUL certified
- UL1310 Class 2
- · 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:**

- 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 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.