



Constant Current LED Driver

# **Model Number** AC-18CD900BDEHG

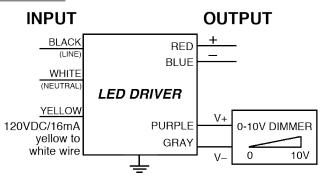
Input Voltage: 347V Input Frequency: 60Hz Bottom Mount/Leads



# **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
18W	25W @ 347V	0.07A @ 347V	>0.9	<20%	16-20V	900mA±5%	90° C	-40° C	70%	64	0 to 10V	10 to 100%
15W	22W @ 347V	0.06A @ 347V	>0.9	<20%	16-20V	750mA±5%	90° C	-40° C	68%	64	0 to 10V	10 to 100%

#### **WIRING:**



Lead L	engths	Yellow	5.9"		
Black	5.9"	Blue	5.9"	Purple	5.9"
White	5.9"	Red	5.9"	Gray	5.9"

# **PHYSICAL:**





Dimensions							
Length	3.78"	Mounting Length	xx"				
Width	3.07"	Weight	xx lbs.				
Height	1.22"	Case Qty.	xx pcs.				

### **SAFETY & PERFORMANCE:**

- UL and cUL Recognized
- Class 2
- UL Outdoor Type I
- Class A sound rating
- No PCBs

- IP 64
- 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  $90^{\circ}C$  when properly installed and under normal conditions of use. See <u>aceleds.com</u> for complete warranty policy.

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RóHS COMPLIANT

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.