

✓ **MULTI-CURRENT SWITCHING & DIMMING**

Switch-Hitter™

Constant Current LED Driver

**Model Number
ACI30CD3.1AQBWA**

Input Voltage: 120-277V

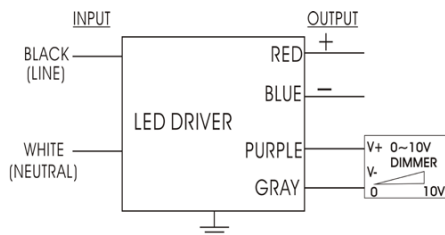
Input Frequency: 50/60Hz

Bottom Mount/Leads

ELECTRICAL SPECIFICATIONS:

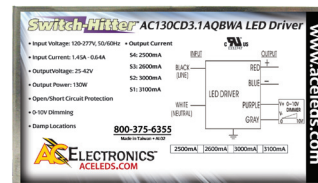
Output Power Max.	Input Power	Input Current	Min. PF (full load)	Max. THD (full load)	Output Voltage	Output Current	T case Max.	Min. Starting Temp.	Efficiency Up To	IP Rating	Dimming Protocol	Dimming Range
130W	149W	1.24A@120V 0.54A@277V	>0.9	<20	25-42V	3100mA +/- 5%	90°C	-40°C	87%	64	0 to 10V	10 to 100%
126W	147W	1.23A@120V 0.53A@277V	>0.9	<20	25-42V	3000mA +/- 5%	90°C	-40°C	86%	64	0 to 10V	10 to 100%
109W	128W	1.07A@120V 0.46A@277V	>0.9	<20	25-42V	2600mA +/- 5%	90°C	-40°C	85%	64	0 to 10V	10 to 100%
105W	125W	1.04A@120V 0.45A@277V	>0.9	<20	25-42V	2500mA +/- 5%	90°C	-40°C	84%	64	0 to 10V	10 to 100%

WIRING:



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

PHYSICAL:



Dimensions	
Length	6.85"
Width	3.58"
Height	1.73"
Mounting Length	6.42"

SAFETY & PERFORMANCE:

- UL and cUL Recognized
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- Overload Protection
- 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:

- LED drivers shall be installed inside 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 should 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 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.

