

✓ **MULTI-CURRENT SWITCHING & DIMMING**

Switch-Hitter™

Constant Current LED Driver

**Model Number
AC-140CD2.8AQE4**

Input Voltage: 120-277V

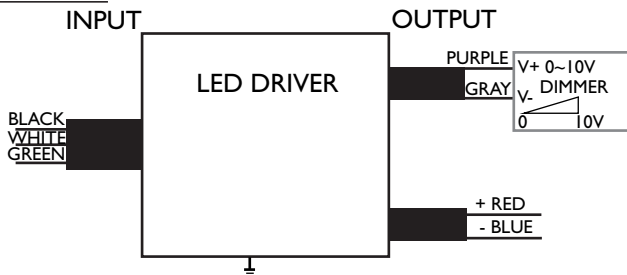
Input Frequency: 50/60Hz

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	IP Rating	Dimming Protocol	Dimming Range
140W	167W	1.45@120V 0.64@277V	>0.9	<20	30-50V	2800mA	70°C	-40°C	90%	64	0 to 10V	10 to 100%
125W	141W	1.18@120V 0.51@277V	>0.9	<20	30-50V	2500mA	70°C	-40°C	89%	64	0 to 10V	10 to 100%
100W	114W	0.93@120V 0.4@277V	>0.9	<20	30-50V	2000mA	70°C	-40°C	88%	64	0 to 10V	10 to 100%
50W	58W	0.5@120V 0.22@277V	>0.9	<20	30-50V	1000mA	70°C	-40°C	87%	64	0 to 10V	10 to 100%

WIRING:



Wiring Lead Lengths					
White	12"	Red	12"	Gray	12"
Black	12"	Blue	12"	Purple	12"

PHYSICAL:



Dimensions			
Length	9.5"	Mounting Length	8.9"
Width	2.6"	Weight	xxx lbs.
Height	1.6"	Case Qty.	xxx

Thermal Switch Function - 7 years warranty for max temperature set at 70°C

SAFETY & PERFORMANCE:

- UL and cUL Recognized
- Class A sound rating
- No PCBs
- Overload Protection
- Open/Short Circuit Protection
- LED driver has a life expectancy of 100,000 hours at Tcase of ≤70°C
- Warranty: 7 yrs based on max case temp of <70°C;
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (6kv)

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 25 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 7 years when operated at max case temp of up to <70°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.

