AC ELECTRONICS™
ACELEDS.COM

Constant Current LED Driver

Model Number AC75CD2.0APS9

Input Voltage: 120-277V
Input Frequency: 50/60Hz
Side Mount/Leads Options
Dim-To-Off @ 10%

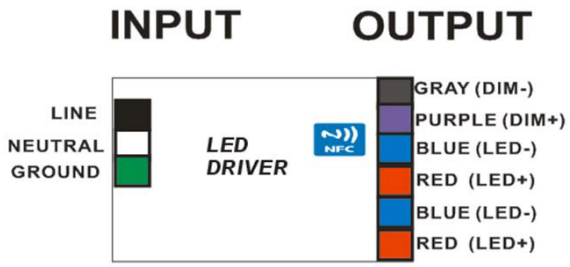
PROGRAMMABLE, DIGITAL, WIDE-RANGE AJUSTABLE CURRENT & DIMMING

ELECTRICAL SPECIFICATIONS:

Output Power	Input Power	Input Current	Min PF (full load)	Max THD (full load)	Output Voltage	Output Current	T case Max	Min Starting Temp**	IP Rating	Efficiency Up To	Dimming Protocol	Dimming Range
75W	86W	0.76A@120V 0.33A@277V	≥0.90	≤20	27-54V	700mA-2000mA	90°C	-40°C	64	86%	0 to 10V	10 to 100%

**This driver can operate down to -40 °C in a non-dimming condition. Below 0 °C some flicker may be observed.

WIRING:



PHYSICAL:

Hot Spot

Dimensions	Length	Width	Height	Mounting
AC75CD2.0APS9	15.55"	1.08"	1.14"	15.23"

Tref Max Value (˚C)	Tc/Tref Value (˚C)	Ta/Value (˚C)
90˚C	59.9˚C	40˚C

SAFETY:

- Class A sound rating
- Overload Protection
- 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:

- IP 64
- 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

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*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.

RoHS COMPLIANT LEAD-FREE

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