

Input Voltage: 120-277V

Input Frequency: 50/60Hz

Bottom Mount/Leads Options

PROGRAMMABLE,  
DIGITAL, WIDE-RANGE  
AJUSTABLE CURRENT & DIMMING



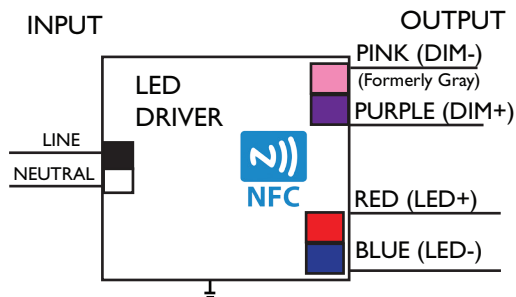
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### ELECTRICAL SPECIFICATIONS:

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
84W	93W	0.94A@120V 0.41A@277V	>0.9	<20	24-40V	1050mA- 2100mA	90°C	0°C	30	88%	0 to 10V	10 to 100%

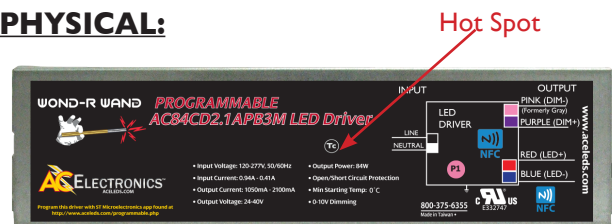
\*\* This driver can operate down to -40°C in a non-dimming condition. Below 0°C some flicker may be observed.

### WIRING:



Note: Gray (-) dimming wire has been changed to pink per the 2020 NEC section 410.69 and NEMA.

### PHYSICAL:



Dimensions	Length	Width	Height	Mounting
AC84CD2.1APB3M	9.5"	2.4"	1.46"	8.9"

### Lead Lengths

Black	5.9"	Blue	5.9"	Purple	7.1"
White	5.9"	Red	5.9"	Pink	7.1"

### SAFETY:

- UL and cUL Recognized
- UL Outdoor Type I
- Class A sound rating
- Overload Protection
- Open/Short Circuit Protection
- LED driver has a life expectancy of

- 50,000 hours at Tcase of  $\leq 75^{\circ}\text{C}$
- LED driver has a life expectancy of 100,000 hours at Tcase of  $\leq 65^{\circ}\text{C}$
- Warranty: 5 yrs based on max case temp of  $< 75^{\circ}\text{C}$ ; 3 yrs based on max case temp of  $90^{\circ}\text{C}$ \*

- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (2 KV)
- Gray (-) dimming wire has been changed to pink per the 2020 NEC section 410.69 and NEMA.

### 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  $< 75^{\circ}\text{C}$ ; 3 years from date of manufacture when operated at a max case temp of up to  $90^{\circ}\text{C}$  when properly installed and under normal conditions of use. See [aceleds.com](http://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.



**IOOUT/VOUT CURVE**

Use with NFC-V Reader App Available Free at Google App Store

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