

### Model Number AC-100VD24AB4RU

Input Voltage: 120-277V  
Input Frequency: 50/60Hz  
Side Mount/Leads

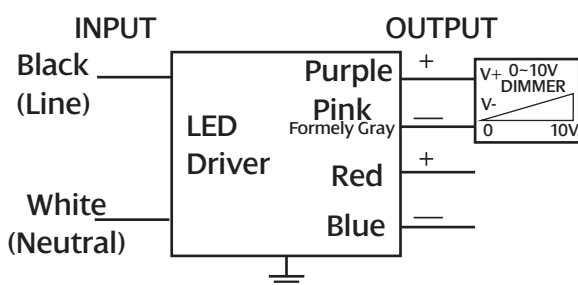
**DIMMING**

#### ELECTRICAL SPECIFICATIONS:

Output Power	Input Current	Input Power	Min PF (full load)	Max THD (full load)	Output Voltage	Output Current	T case Max	Min Starting Temp	IP Rating	Dimming Method	Dimming Range	Efficiency Up To
100W	0.98A@120V 0.42A@277V	117W	>0.95	<10	24V +/- 5%	410mA - 4100mA	90°C	-40°C	65	0-10V	15-100%	88%

#### WIRING:

Output Range 10-100W



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

#### Lead Lengths

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

#### PHYSICAL:



#### Dimensions

Length	9.5"
Width	2.4"
Height	1.46"
Mounting Length	8.9"

#### SAFETY:

- UL and cUL Listed (5GH6)
- UL Class 2
- 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 (3 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
- 18 AWG 600V/I05C 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.

