

Model Number
AC-100VD24AB4RU

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

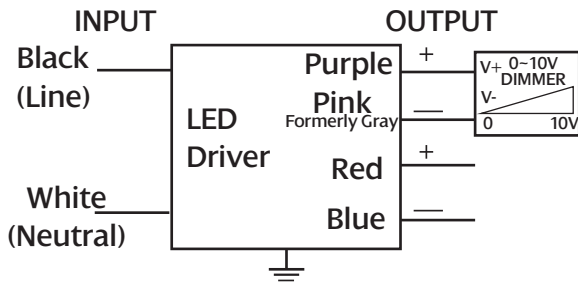


ELECTRICAL SPECIFICATIONS:

| 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°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/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°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.

