



# Model Number AC-A100V24H4.1

Type: Constant Voltage LED Driver

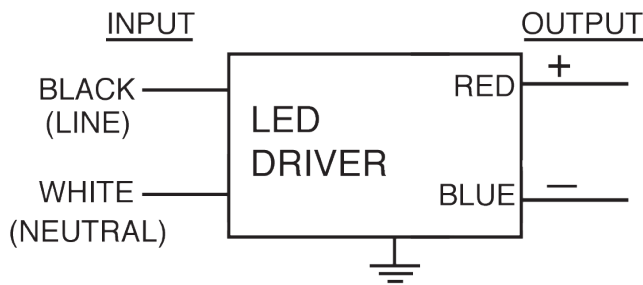
Input Voltage: 120-277V

Input Frequency: 50/60Hz

## ELECTRICAL SPECIFICATIONS:

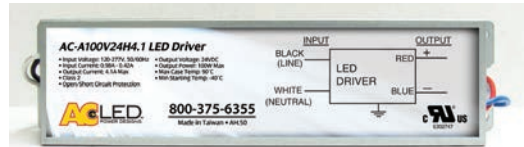
| Output Power | Input Current                | Min PF (full load) | Max THD (full load) | Output Voltage | Output Current | T case Max | Minimum Starting Temp | Efficiency Up To | IP Rating |
|--------------|------------------------------|--------------------|---------------------|----------------|----------------|------------|-----------------------|------------------|-----------|
| 100W         | 0.98A @ 120V<br>0.42A @ 277V | >0.98              | <10%                | 24V ±5%        | 0.41 to 4.1A   | 90° C      | -40° C                | 88%              | IP66      |

## WIRING:



| Wiring Lead Lengths |      |
|---------------------|------|
| White               | 5.9" |
| Black               | 5.9" |
| Red                 | 5.9" |
| Blue                | 5.9" |

## PHYSICAL:



### Dimensions

|                        |           |
|------------------------|-----------|
| Length                 | 9.5"      |
| Width                  | 2.4"      |
| Height                 | 1.46"     |
| Mounting Length        | 8.9"      |
| Mounting Hole Distance | 1.5"      |
| Mounting Hole Diameter | .20"      |
| Weight                 | 1.98 lbs. |
| Case Qty.              | 20 pcs.   |

## SAFETY:

- UL and cUL Recognized
- UL1310 Class 2
- 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 ≤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 (2 KV)

## INSTALLATION:

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded



\*A.C.E. 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 [www.aceleds.com](http://www.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.