Constant Voltage LED Driver

Model Number AC-A100VD24H4.1

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

**ELECTRICAL SPECIFICATIONS:**

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<tbody>
<tr>
<td>100W</td>
<td>0.98A @ 120V</td>
<td>0.42A @ 277V</td>
<td>&lt;0.90</td>
<td>&lt;20%</td>
<td>24V ±5%</td>
<td>410mA to</td>
<td>4100mA</td>
<td>111W</td>
<td>90° C</td>
<td>-40° C</td>
<td>65</td>
<td>90%</td>
<td>0 to 10V</td>
<td>15 to 100%</td>
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**WIRING:**

**INPUT**

- Black (LINE)
- White (NEUTRAL)

**OUTPUT**

- Red (+)
- Blue (-)
- Purple (V+)
- Gray (V-)
- 0-10V DIMITER

**LEAD LENGTHS**

- Black: 5.9”
- Blue: 5.9”
- Purple: 7.1”
- White: 5.9”
- Red: 5.9”
- Gray: 7.1”

**REMOTE MOUNTING (MAX)**

- 10AWG: 47m (154.2”)
- 12AWG: 30m (98.4”)
- 14AWG: 19m (62.3”)
- 16AWG: 14m (45.9”)
- 18AWG: 8m (26.2”)

**PHYSICAL**

- Dimensions
  - Length: 9.5”
  - Width: 2.4”
  - Height: 1.46”
  - Mounting Length: 8.9”
  - Mounting Hole Distance: 1.5”
  - Mounting Hole Diameter: 0.20”
  - 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 75°C ≤ to ≥90°C
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (3 KV)

**INSTALLATION:**

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

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