### ELECTRICAL SPECIFICATIONS:

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<tbody>
<tr>
<td>42W</td>
<td>52W @ 120V</td>
<td>0.4A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>35-60V</td>
<td>700mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>82%</td>
<td>64</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<tr>
<td></td>
<td>51W @ 277V</td>
<td>0.175A @ 277V</td>
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<tr>
<td>31W</td>
<td>38W @ 120V</td>
<td>0.33A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>35-60V</td>
<td>530mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>83%</td>
<td>64</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td>37W @ 277V</td>
<td>0.14A @ 277V</td>
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<td>24W</td>
<td>30W @ 120V</td>
<td>0.25A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>35-60V</td>
<td>410mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>83%</td>
<td>64</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td>29W @ 277V</td>
<td>0.11A @ 277V</td>
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<tr>
<td>21W</td>
<td>26W @ 120V</td>
<td>0.22A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>35-60V</td>
<td>350mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>83%</td>
<td>64</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td></td>
<td>25W @ 277V</td>
<td>0.09A @ 277V</td>
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### WIRING:

- **INPUT**
  - BLACK (LINE)
  - WHITE (NEUTRAL)
- **OUTPUT**
  - RED
  - BLUE
  - PURPLE
  - GRAY

### PHYSICAL:

- **Dimensions**
  - Length: 9.5"
  - Mounting Length: 8.9"
  - Width: 1.7"
  - Weight: 1.17 lbs.
  - Height: 1.14"
  - Case Qty.: 30 pcs.

### Driver Option:

- 12V Output Tap Wire (AC-42CD700AQTS)
- 10% dimming, Dim-To-Off and 1%
- 10KV Surge Protection
- Consult Factory for model number and form factor

### SAFETY & PERFORMANCE:

- UL US Class 2
- cUL LVLE
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- 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 (3 KV)

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105°C 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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Performance Characteristics

Life Time v.s. Case Temperature Curve

Case Temperature Curve (°C)

Derating Curve 120Vac & 277Vac

Outside Driver Ambient Temperature (°C)
Performance Characteristics

Efficiency v.s. Load

Power Factor v.s. Load
Performance Characteristics

Output Current v.s. Dimming

Output Current v.s. Resistance

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.