Constant Voltage LED Driver

Model Number
AC150VD48B3.15S

Input Voltage: 347V
Input Frequency: 50/60Hz
Side Mount/Leads

**ELECTRICAL SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Output Power Max</th>
<th>Input Power</th>
<th>Input Current</th>
<th>Min PF (full load)</th>
<th>Max THD (full load)</th>
<th>Output Voltage</th>
<th>Output Current</th>
<th>T case Max</th>
<th>Min Starting Temp</th>
<th>Dimming Protocol</th>
<th>Dimming Range</th>
<th>IP Rating</th>
<th>Efficiency Up To</th>
</tr>
</thead>
<tbody>
<tr>
<td>150W</td>
<td>163W</td>
<td>1.47A@347V</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td>48V +/- 5%</td>
<td>312mA - 3120mA</td>
<td>90°C</td>
<td>-40°C</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
<td>65</td>
<td>92%</td>
</tr>
</tbody>
</table>

**WIRING:**

**PHYSICAL:**

**Dimensions**

<table>
<thead>
<tr>
<th>Length</th>
<th>9.5&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>2.6&quot;</td>
</tr>
<tr>
<td>Height</td>
<td>1.6&quot;</td>
</tr>
<tr>
<td>Mounting Length</td>
<td>8.9&quot;</td>
</tr>
</tbody>
</table>

**SAFETY:**

- UL and cUL Recognized
- UL Outdoor Type 1
- 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 (6 KV)

**INSTALLATION:**

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

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*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°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.