Constant Current LED Driver

Model Number
AC-Q15CD450BHZ

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

ELECTRICAL SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Output Power Max.</th>
<th>Input Power</th>
<th>Input Current (0.21A @ 347V)</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>Efficiency Up To</th>
<th>Dimming Protocol</th>
<th>Dimming Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>15W</td>
<td>72W</td>
<td></td>
<td>&gt;0.9</td>
<td>&lt;20%</td>
<td>20-33V</td>
<td>450mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>85%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
</tbody>
</table>

WIRING:

PHYSICAL:

Dimensions

<table>
<thead>
<tr>
<th>Length</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.2&quot;</td>
<td>2.4&quot;</td>
<td>1.46&quot;</td>
</tr>
</tbody>
</table>

Mounting Length 9.7"

SAFETY:

- UL and cUL Recognized
- 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 (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

*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.

AC Electronics
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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.

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