Constant Current LED Driver

**Model Number**
AC-80CD2.2BRMD

**Input Voltage:** 347Vac
**Input Frequency:** 60Hz
**Side Mount**

### Electrical Specifications:

<table>
<thead>
<tr>
<th>Output Power</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>Minimum Starting Temp</th>
<th>Efficiency Up To</th>
<th>Dimming Protocol</th>
<th>Dimming Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>80W</td>
<td>93W @ 347V</td>
<td>0.29A @ 347V</td>
<td>&gt;0.9</td>
<td>&lt;20%</td>
<td>28 to 36V</td>
<td>1500 to 2200mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>88%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
</tbody>
</table>

### Wiring:

- **Input**
- **Output**

### Physical:

- **Dimensions**
  - Length: 15.55"
  - Width: 1.49"
  - Height: 1.06"
  - Mounting Length: 15.23"
  - Hole Diameter: xx"
  - Weight: xx lbs.
  - Case Qty: xx pcs.

- **Tref Max Value (°C)**
- **Tc/Tref Value (°C)**
- **Ta/Value (°C)**
  - 85
  - 74
  - 40

### 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 (2KV)

### Installation:

- IP 66 Harsh Weatherproof
- 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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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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*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.