**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>Efficiency Up To</th>
<th>IP Rating</th>
<th>Dimming Protocol</th>
<th>Dimming Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>120W</td>
<td>134W</td>
<td>1.45A@120V</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td>70-114V</td>
<td>1050mA ± 5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>90%</td>
<td>66</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td>0.64A@277V</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**SAFETY:**
- Class P Listed
- 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)
- Dimming: 0 to 10V

**INSTALLATION:**
- IP 66 Harsh Weatherproof
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded
- 18 AWG 600V/105C tinned stranded copper lead-wires are required for installation

**PHYSICAL:**

**Lead Lengths**
- Black: 5.9"
- Blue: 5.9"
- Purple: 7.1"
- White: 5.9"
- Red: 5.9"
- Gray: 7.1"

**Dimensions**
- Length: 9.5"
- Height: 1.57"
- Width: 2.4"
- Mounting Length: 8.9"

**Notes:**
- *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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**WIRING:**

**INPUT**
- BLACK (LINE)
- WHITE (NEUTRAL)

**OUTPUT**
- RED
- BLUE
- PURPLE
- GRAY

**Constant Current LED Driver**

**Model Number**

AC120CD1.05A2T

**Input Voltage:** 120-277V
**Input Frequency:** 50/60Hz
**Side Mount/Leads**
**Tcase 90°C down to 25% Load**
**E-cap Rating - 130˚C/5000Hr**

**3401 Avenue D, Arlington, TX 76011 • 800-375-6355 • www.aceleds.com**

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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