**WIRING:**

**ELECTRICAL SPECIFICATIONS:**

- **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**
- **Input/Output Isolation**
- **FCC Title 47 CFR Part 15**
- **Surge Protection (3 KV)**
- **Hazardous Location (HL)**
- **Dim-To-Off Programming Option**
  - Active: Code = E2 04 01 04
  - Inactive: Code = E2 04 00 04

**SAFETY:**

- **Class P Listed**
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- **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**
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**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**

**PHYSICAL:**

**OUTPUT**

- **LED DRIVER**
  - BLACK (LINE)
  - RED
  - BLUE
  - WHITE (NEUTRAL)
  - PURPLE
  - GRAY

**Lead Lengths**

- **Black**: 5.9”
- **Blue**: 5.9”
- **Purple**: 5.9”
- **White**: 5.9”
- **Red**: 5.9”
- **Gray**: 5.9”

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**PROGRAMMABLE, DIGITAL, WIDE-RANGE ADJUSTABLE CURRENT & DIMMING CLASS P LISTED**

** Constant Current LED Driver**

**Model Number**

**AC-60CD1.4APPU**

- **Input Voltage**: 120-277V
- **Input Frequency**: 50/60Hz
- **Side and Bottom Mount/Leads Options**
  - < 1 Sec. Start time
  - Dim-to-1% (Default)

**SAFETY:**

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**Phone Instructions**

First you must have a Android device (phone/tablet) with NFC-V app downloaded.
Open App; then place the device on top of the driver matching up sensors until it syncs up

Basic format
Write
Insert the appropriate code from chart above
Write
Successfully written will appear

**IOUT/VOUT CURVE**

Use with NFC-V Reader App Available Free at Google App Store

**CONTROL THE IOUT WITH THE PROGRAMMING WAND. DOWNLOAD SOFTWARE FROM** http://www.aceleds.com/programmable.php
Performance Characteristics

Life Time v.s. Case Temperature Curve

Case Temperature Curve (°C)

Derating Curve  
120Vac & 277Vac

Load (%)

Outside Driver Ambient Temperature (°C)
Performance Characteristics

Efficiency v.s. Load

- Efficiency (%)
- Load (%)
- 120V
- 277V

Power Factor v.s. Load

- PF
- Load (%)
- 120V
- 277V

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.
Performance Characteristics

Output Current v.s. Dimming

<table>
<thead>
<tr>
<th>Dimming (0-10V)</th>
<th>Output Current (A)</th>
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<tbody>
<tr>
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<td>0.8</td>
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</tr>
<tr>
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<td>9</td>
<td>2</td>
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<tr>
<td>10</td>
<td>2.2</td>
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Output Current v.s. Resistance

<table>
<thead>
<tr>
<th>Resistance (KΩ)</th>
<th>Output Current (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
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