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>Min Starting Temp</th>
<th>IP Rating</th>
<th>Efficiency Up To</th>
<th>Dimming Protocol</th>
<th>Dimming Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>25W</td>
<td>31W</td>
<td>0.27A @ 120V</td>
<td>&gt;0.9</td>
<td>&lt;20%</td>
<td>15 to 55V</td>
<td>350 to 1250mA</td>
<td>90°C</td>
<td>-40°C</td>
<td>64</td>
<td>82%</td>
<td>0 to 10V</td>
<td>1 to 100%</td>
</tr>
</tbody>
</table>

** This driver can operate down to -40°C in a non-dimming condition. Below 0°C some flicker may be observed.

** CONSTANT CURRENT LED DRIVER **

** MODEL NUMBER **

AC-25CD1.25APMV

** Input Voltage:** 120-277V

** Input Frequency:** 50/60Hz

Side and Bottom Mount/Leads Options

< 1 Sec. Start time/(batch code AKT.48)

Dim-to-1% (Default) @ Max Current

SAFETY:

• Class P Listed
• Class A sound rating
• Overload Protection
• Open/Short Circuit Protection
• 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 (1 KV)
• Dim-To-Off Programming Option
  o Active: Code = 4C 04 01 02
  o Inactive: Code = 4C 04 00 02

PHYSICAL:

Dimensions

<table>
<thead>
<tr>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.22&quot;</td>
<td>1.73&quot;</td>
<td>1.22&quot;</td>
<td>5.86&quot;</td>
</tr>
</tbody>
</table>

** WIRING:**

** INPUT **

Input Voltage: 120-277V

Input Frequency: 50/60Hz

Side and Bottom Mount/Leads Options

< 1 Sec. Start time/(batch code AKT.48)

Dim-to-1% (Default) @ Max Current

** OUTPUT **

** PHYSICAL:**

Dimensions

<table>
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<th>Length</th>
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</tbody>
</table>

** SAFETY:**

** INSTALLATION:**

• Max Remote installation distance is 18 ft
• LED driver cases should be grounded

** LEAD LENGTHS **

<table>
<thead>
<tr>
<th>Lead Lengths</th>
<th>Black</th>
<th>Blue</th>
<th>Purple</th>
<th>White</th>
<th>Red</th>
<th>Gray</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>5.9&quot;</td>
<td></td>
<td></td>
<td>5.9&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td>5.9&quot;</td>
<td>5.9&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Purple</td>
<td></td>
<td></td>
<td>7.1&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White</td>
<td>5.9&quot;</td>
<td></td>
<td></td>
<td>5.9&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red</td>
<td>5.9&quot;</td>
<td></td>
<td></td>
<td>5.9&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gray</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>7.1&quot;</td>
<td></td>
</tr>
</tbody>
</table>

** INSTALLATION:**

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

** 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.

** RoHS COMPLIANT **

** LEAD-FREE **

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Revised 08/09/2018
Performance Characteristics

**Phone Instructions**

First you must have an 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

To Check: Read

Read

Shows you the Block - 00 00 00 00

This is where the code you input appears

**IOUT/VOUT CURVE**

Use with [NFC-V Reader](#) App Available Free at Google App Store

Performance Characteristics

Efficiency v.s. Load

Power Factor v.s. Load
Performance Characteristics

Output Current v.s. Dimming

Output Current v.s. Resistance