**INSTALLATION:**
- LED drivers shall be installed inside electrical enclosures.
- Max Remote installation distance is 33 ft.
- 22 AWG 600V/105°C tinned stranded copper lead-wires are required to use in installation.

**WIRING:**

**INPUT**:  
- Input Voltage: 120-277VAC (±10%)  
- Input Frequency: 50/60Hz

**OUTPUT**:  
- (L)Black (N)White

**SAFETY & PERFORMANCE:**
- Class P Listed
- Class A sound rating
- No PCBs
- Open/Short Circuit Protection
- LED driver has a life expectancy of 50,000 hours at Tcase of ≤75°C
- Warranty: 5 yrs based on max case temp of 75°C
- Input/Output Isolation
- Surge Protection (2 KV)
- Thermal Protection (Dim-to-Cool) at 90°C (Internally)
- Dimming Curve on the next page

**INSTALLATION:**
- LED drivers shall be installed inside electrical enclosures
- 22 AWG 600V/105°C tinned stranded copper lead-wires are required to use in installation
- Max Remote installation distance is 33 ft

**ELECTRICAL SPECIFICATIONS:**

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>60W</td>
<td>64.5W</td>
<td>0.60A@120V/0.26A@277V</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td>26-43V</td>
<td>1400mA±7%</td>
<td>75°C</td>
<td>0°C</td>
<td>20</td>
<td>0 to 10V</td>
<td>5 to 100%</td>
<td>93%</td>
</tr>
<tr>
<td>45W</td>
<td>49.5W</td>
<td>0.46A@120V/0.20A@277V</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td>26-43V</td>
<td>1050mA±7%</td>
<td>75°C</td>
<td>0°C</td>
<td>20</td>
<td>0 to 10V</td>
<td>5 to 100%</td>
<td>91%</td>
</tr>
<tr>
<td>30W</td>
<td>33.3W</td>
<td>0.31A@120V/0.13A@277V</td>
<td>&gt;0.9</td>
<td>&lt;20</td>
<td>26-43V</td>
<td>700mA±7%</td>
<td>75°C</td>
<td>0°C</td>
<td>20</td>
<td>0 to 10V</td>
<td>5 to 100%</td>
<td>90%</td>
</tr>
</tbody>
</table>

**LEAD LENGTHS**
- Black 12”
- Blue 6”
- Purple 6”
- White 12”
- Red 6”
- Gray 6”

**APPROVED DIMMERS**
- Lutron NTSTV-DV
- Leviton IP710 DL
- Lutron NFTV
- Watt Stopper ADF 120277

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**AC ELECTRONICS.COM**

**Model Number AC60CD1.4AT2S**

Input Voltage: 120-277VAC (±10%)
Input Frequency: 50/60Hz
Side Mount/Leads
Dimming: 5 to 100%

**PHYSICAL:**

<table>
<thead>
<tr>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
</tr>
<tr>
<td>Width</td>
</tr>
<tr>
<td>Height</td>
</tr>
<tr>
<td>Mounting</td>
</tr>
<tr>
<td>Weight</td>
</tr>
</tbody>
</table>

**ELECTRICAL SPECIFICATIONS:**

- **Output Power Max:**
  - 60W: 64.5W
  - 45W: 49.5W
  - 30W: 33.3W

- **Input Power:**
  - 64.5W
  - 49.5W
  - 33.3W

- **Input Current:**
  - 0.60A@120V/0.26A@277V
  - 0.46A@120V/0.20A@277V
  - 0.31A@120V/0.13A@277V

- **Minimum PF (full load):**
  - >0.9
  - >0.9
  - >0.9

- **Max. THD (full load):**
  - <20
  - <20
  - <20

- **Output Voltage:**
  - 26-43V
  - 26-43V
  - 26-43V

- **Output Current:**
  - 1400mA±7%
  - 1050mA±7%
  - 700mA±7%

- **T case Max.:**
  - 75°C
  - 75°C
  - 75°C

- **Minimum Starting Temp.:**
  - 0°C
  - 0°C
  - 0°C

- **IP Rating:**
  - 20
  - 20
  - 20

- **Dimming Protocol:**
  - 0 to 10V
  - 0 to 10V
  - 0 to 10V

- **Dimming Range:**
  - 5 to 100%
  - 5 to 100%
  - 5 to 100%

- **Efficiency Up To:**
  - 93%
  - 91%
  - 90%

**Additional Information:**
- **Input Voltage:** 120-277VAC (±10%)
- **Input Frequency:** 50/60Hz
- **Side Mount/Leads:**
- **Dimming:** 5 to 100%
- **Surge Protection:** 2Kv
- **Multi-Switching Current:** Dim-to-Cool
- **Safety & Performance:**
  - Class P Listed
  - Class A sound rating
  - No PCBs
  - Open/Short Circuit Protection
  - LED driver has a life expectancy of 50,000 hours at Tcase of ≤75°C
  - Warranty: 5 yrs based on max case temp of 75°C
  - Input/Output Isolation
  - Surge Protection (2 KV)
  - Thermal Protection (Dim-to-Cool) at 90°C (Internally)
  - Dimming Curve on the next page
- **Installation:**
  - LED drivers shall be installed inside electrical enclosures
  - 22 AWG 600V/105°C tinned stranded copper lead-wires are required to use in installation
  - Max Remote installation distance is 33 ft

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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.