**Model Number**

**AC-40CD450UV-DS**

Type: Constant Current LED Driver

| Input Voltage: 120-277V | Input Frequency: 50/60Hz |

**ELECTRICAL SPECIFICATIONS:**

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</tr>
</thead>
<tbody>
<tr>
<td>40W</td>
<td>48W @ 120V</td>
<td>0.4A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>62-89V</td>
<td>450mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td></td>
<td>47W @ 277V</td>
<td>0.17A @ 277V</td>
<td></td>
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<tr>
<td>31W</td>
<td>38W @ 120V</td>
<td>0.32A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>62-89V</td>
<td>350mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>82%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td></td>
<td>37W @ 277V</td>
<td>0.14A @ 277V</td>
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**WIRING:**

**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 Length</td>
</tr>
<tr>
<td>Weight</td>
</tr>
<tr>
<td>Case Qty.</td>
</tr>
</tbody>
</table>

**Lead Lengths**

<table>
<thead>
<tr>
<th>Color</th>
<th>Length</th>
</tr>
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<tbody>
<tr>
<td>Black</td>
<td>5.9&quot;</td>
</tr>
<tr>
<td>Blue</td>
<td>5.9&quot;</td>
</tr>
<tr>
<td>Purple</td>
<td>5.9&quot;</td>
</tr>
<tr>
<td>Gray</td>
<td>5.9&quot;</td>
</tr>
<tr>
<td>White</td>
<td>5.9&quot;</td>
</tr>
</tbody>
</table>

**SAFETY & PERFORMANCE:**

- Ul and cUL Recognized
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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 (2 KV)

**INSTALLATION:**

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

---

*A.C.E. 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 www.aceleds.com for complete warranty policy.*

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Switch-Hitter

Model Number
AC-40CDI.05UVTS
Type: Constant Current LED Driver
Input Voltage: 120-277V
Input Frequency: 50/60Hz

ELECTRICAL SPECIFICATIONS:

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<tr>
<td>40W</td>
<td>48W @ 120V</td>
<td>0.4A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>22-38V</td>
<td>1050mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td></td>
<td>47W @ 277V</td>
<td>0.17A @ 277V</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>26W</td>
<td>31W @ 120V</td>
<td>0.26A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>22-38V</td>
<td>700mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>82%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<tr>
<td></td>
<td>30W @ 277V</td>
<td>0.11A @ 277V</td>
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</tr>
<tr>
<td>19W</td>
<td>23W @ 120V</td>
<td>0.19A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>22-38V</td>
<td>500mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>82%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td></td>
<td>22W @ 277V</td>
<td>0.08A @ 277V</td>
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</table>

WIRING:

INPUT
BLACK (LINE)
WHITE (NEUTRAL)

OUTPUT
RED
BLUE
PURPLE
GRAY

SAFETY & PERFORMANCE:

• UL and cUL Class 2
• UL Outdoor Type 1
• Class A sound rating
• No PCBs
• IP66
• 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 (2 KV)

INSTALLATION:

• LED drivers shall be installed inside electrical enclosures
• 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
• Max Remote installation distance is 18 ft
• LED driver cases should be grounded

RoHS COMPLIANT
UL

Dimensions

Length 6.5"  Mounting Length 5.9"
Width 2.9"  Weight 0.83 lbs.
Height 1.18"  Case Qty. 40 pcs.

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<td>22-38V</td>
<td>900mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>83%</td>
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<td>22-38V</td>
<td>700mA±5%</td>
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<td>22W @ 277V</td>
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<td>&gt;0.95</td>
<td>22-38V</td>
<td>500mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>82%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
</tbody>
</table>

### WIRING:

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

**OUTPUT**

### PHYSICAL:

#### Dimensions
- Length: 6.5"
- Mounting Length: 5.9"
- Width: 2.9"
- Weight: 0.83 lbs.
- Height: 1.18"
- Case Qty.: 40 pcs.

#### Lead Lengths
- Black: 5.9"
- Blue: 5.9"
- Purple: 5.9"
- Red: 5.9"
- Gray: 5.9"

### SAFETY & PERFORMANCE:

- cUL Class 2
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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 (2 KV)

### INSTALLATION:

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

* A.C.E. 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 www.aceleds.com for complete warranty policy.

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<td>48W @ 120V</td>
<td>0.4A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>22-29V</td>
<td>1400mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>84%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td>36W</td>
<td>42W @ 120V</td>
<td>0.35A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>22-29V</td>
<td>1250mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>84%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td>30W</td>
<td>34W @ 120V</td>
<td>0.29A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>22-29V</td>
<td>1050mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>84%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td>20W</td>
<td>22W @ 120V</td>
<td>0.18A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>22-29V</td>
<td>700mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>82%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
</tbody>
</table>

WIRING:

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

SAFETY & PERFORMANCE:

- UL and cUL Class 2
- UL Outdoor Type 1
- Class A sound rating
- No PCBs
- IP66
- 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 (2 KV)

INSTALLATION:

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

RoHS COMPLIANT L.E.A.D.-F.R.E.E.

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Switch-Hitter

Model Number
AC-42CD700UVQSC

Type: Constant Current LED Driver
Input Voltage: 120-277V
Input Frequency: 50/60Hz

ELECTRICAL SPECIFICATIONS:

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</thead>
<tbody>
<tr>
<td>42W</td>
<td>52W @ 120V</td>
<td>0.4A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>35-60V</td>
<td>700mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>82%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td></td>
<td>51W @ 277V</td>
<td>0.175A @ 277V</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>31W</td>
<td>38W @ 120V</td>
<td>0.33A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>35-60V</td>
<td>530mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td></td>
<td>37W @ 277V</td>
<td>0.14A @ 277V</td>
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<tr>
<td>24W</td>
<td>30W @ 120V</td>
<td>0.25A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>35-60V</td>
<td>410mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>83%</td>
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</tr>
<tr>
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<td>29W @ 277V</td>
<td>0.11A @ 277V</td>
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<td></td>
</tr>
<tr>
<td>21W</td>
<td>26W @ 120V</td>
<td>0.22A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>35-60V</td>
<td>350mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td></td>
<td>25W @ 277V</td>
<td>0.09A @ 277V</td>
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WIRING:

<table>
<thead>
<tr>
<th>Lead Lengths</th>
<th>Black</th>
<th>Blue</th>
<th>Purple</th>
<th>Gray</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5.9”</td>
<td>5.9”</td>
<td>5.9”</td>
<td>5.9”</td>
</tr>
</tbody>
</table>

PHYSICAL:

Dimensions

<table>
<thead>
<tr>
<th>Length</th>
<th>9.5”</th>
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</thead>
<tbody>
<tr>
<td>Mounting Length</td>
<td>8.9”</td>
</tr>
<tr>
<td>Weight</td>
<td>1.17 lbs.</td>
</tr>
<tr>
<td>Height</td>
<td>1.14”</td>
</tr>
<tr>
<td>Case Qty.</td>
<td>30 pcs.</td>
</tr>
</tbody>
</table>

SAFETY & PERFORMANCE:

- UL Class 2
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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 (2 KV)

INSTALLATION:

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

*A.C.E. 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 www.aceleds.com for complete warranty policy.

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<td>24W</td>
<td>30W @ 120V</td>
<td>0.25A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>35-60V</td>
<td>410mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<tr>
<td></td>
<td>29W @ 277V</td>
<td>0.11A @ 277V</td>
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<td>21W</td>
<td>26W @ 120V</td>
<td>0.22A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>35-60V</td>
<td>350mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<tr>
<td></td>
<td>25W @ 277V</td>
<td>0.09A @ 277V</td>
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WIRING:

- Black (Line) 5.9"
- Blue 5.9"
- Purple 5.9"
- Gray 5.9"
- Red 5.9"
- White 5.9"
- Purple 5.9"

PHYSICAL:

- Dimensions:
  - Length 9.5"
  - Mounting Length 8.9"
  - Width 1.7"
  - Weight 1.17 lbs.
  - Height 1.14"
  - Case Qty. 30 pcs.

SAFETY & PERFORMANCE:

- UL Class 2
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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 (2 KV)

INSTALLATION:

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

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* A.C.E. 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 www.aceleds.com for complete warranty policy.

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ELECTRICAL SPECIFICATIONS:

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<tr>
<td>50W</td>
<td>60W @ 120V</td>
<td>0.5A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>77-111V</td>
<td>450mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td></td>
<td>59W @ 277V</td>
<td>0.22A @ 277V</td>
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<td>38W</td>
<td>46W @ 120V</td>
<td>0.39A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>77-111V</td>
<td>350mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>82%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td>45W @ 277V</td>
<td>0.17A @ 277V</td>
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WIRING:

INPUT

BLACK (LINE)

RED

BLUE

WHITE (NEUTRAL)

PURPLE

GRAY

OUTPUT

+ V+ 0-10V DIMMER

0 10V

LED DRIVER

SAFETY & PERFORMANCE:

- UL and cUL Recognized
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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 (2 KV)

INSTALLATION:

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

DIMENSIONS

Length: 6.5”
Width: 2.9”
Height: 1.18”
Mounting Length: 5.9”
Weight: 0.83 lbs.
Case Qty.: 40 pcs.

* A.C.E. 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 www.aceleds.com for complete warranty policy.

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### Electrical Specifications:

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<tbody>
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<td>60W @ 120V</td>
<td>0.5A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>49.71V</td>
<td>700mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td></td>
<td>59W @ 277V</td>
<td>0.22A @ 277V</td>
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<td>39W</td>
<td>47W @ 120V</td>
<td>0.39A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>49.71V</td>
<td>550mA±5%</td>
<td>90°C</td>
<td>-30°C</td>
<td>82%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td>46W @ 277V</td>
<td>0.17A @ 277V</td>
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<tr>
<td>32W</td>
<td>39W @ 120V</td>
<td>0.33A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>49.71V</td>
<td>450mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>82%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td></td>
<td>38W @ 277V</td>
<td>0.14A @ 277V</td>
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<tr>
<td>25W</td>
<td>30W @ 120V</td>
<td>0.25A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>49.71V</td>
<td>350mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>82%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<tr>
<td></td>
<td>29W @ 277V</td>
<td>0.11A @ 277V</td>
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### Wiring:

- **Input**: Black, Red, White, Blue, Purple, Gray
- **Output**: Black (Line)

### Physical:

- **Dimensions**
  - Length: 6.5"
  - Mounting Length: 5.9"
  - Width: 2.9"
  - Weight: 0.83 lbs.
  - Height: 1.18"
  - Case Qty.: 40 pcs.

### Safety & Performance:

- UL and cUL Recognized
- UL Outdoor Type 1
- Class A sound rating
- No PCBs
- IP66
- 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 (2 KV)

### Installation:

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

---

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• A.C.E. 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 www.aceleds.com for complete warranty policy.
MULTI-CURRENT SWITCHING AND DIMMING

ELECTRICAL SPECIFICATIONS:

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<tbody>
<tr>
<td>50W</td>
<td>60W @ 120V</td>
<td>0.5A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>33-48V</td>
<td>1050mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td></td>
<td>59W @ 277V</td>
<td>0.22A @ 277V</td>
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<tr>
<td>34W</td>
<td>42W @ 120V</td>
<td>0.35A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>33-48V</td>
<td>700mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>82%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td></td>
<td>41W @ 277V</td>
<td>0.15A @ 277V</td>
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<tr>
<td>24W</td>
<td>30W @ 120V</td>
<td>0.25A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>33-48V</td>
<td>500mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>82%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td>29W @ 277V</td>
<td>0.11A @ 277V</td>
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SAFETY & PERFORMANCE:
- UL and cUL Recognized
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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 <75ºC; 3 yrs based on max case temp of 90ºC
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (2 KV)

INSTALLATION:
- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

DIMENSIONS:
- Bottom Mount Option
- Model Number: AC-50CD1.05ATBCD

Dimensions:
- Length: 6.5"
- Mounting Length: 5.9"
- Width: 2.9"
- Weight: 0.83 lbs.
- Height: 1.18"
- Case Qty.: 40 pcs.
Multi-Current Switching and Dimming

**ELECTRICAL SPECIFICATIONS:**

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</thead>
<tbody>
<tr>
<td>50W</td>
<td>58W</td>
<td>0.5A @ 120V, 0.23A @ 277V</td>
<td>&gt;0.9</td>
<td>&lt;20%</td>
<td>25-36V</td>
<td>1400mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>86%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td>38W</td>
<td>48W</td>
<td>0.4A @ 120V, 0.17A @ 277V</td>
<td>&gt;0.9</td>
<td>&lt;20%</td>
<td>25-36V</td>
<td>1050mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>85%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<tr>
<td>25W</td>
<td>30W</td>
<td>0.25A @ 120V, 0.11A @ 277V</td>
<td>&gt;0.9</td>
<td>&lt;20%</td>
<td>25-36V</td>
<td>700mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>84%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
</tbody>
</table>

**WIRING:**

**PHYSICAL:**

**Dimensions**

- Length: 6.5”
- Mounting Length: 5.9”
- Width: 2.9”
- Weight: 0.83 lbs.
- Height: 1.5”
- Case Qty.: 40 pcs.

**SAFETY & PERFORMANCE:**

- UL and cUL Recognized
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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 (2 KV)

**INSTALLATION:**

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105°C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

*A.C.E. 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 max case temp of up to 90°C when properly installed and under normal conditions of use. See www.aceleds.com for complete warranty policy.

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**ACLED POWER DESIGNS**

**MULTI-CURRENT SWITCHING AND DIMMING**

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**ELECTRICAL SPECIFICATIONS:**

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<td>60W</td>
<td>72W @ 120V</td>
<td>0.6A @ 120V</td>
<td>&gt;0.9</td>
<td>&lt;20%</td>
<td>93-133V</td>
<td>450mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>84%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<tr>
<td></td>
<td>71W @ 277V</td>
<td>0.26A @ 277V</td>
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<td>46W</td>
<td>56W @ 120V</td>
<td>0.47A @ 120V</td>
<td>&gt;0.9</td>
<td>&lt;20%</td>
<td>93-133V</td>
<td>350mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<tr>
<td></td>
<td>55W @ 277V</td>
<td>0.2A @ 277V</td>
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**WIRING:**

![LED DRIVER Wiring Diagram]

**Lead Lengths**

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<th>Blue</th>
<th>Purple</th>
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<tr>
<td>Black</td>
<td>5.9&quot;</td>
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<tr>
<td>Blue</td>
<td>5.9&quot;</td>
<td>5.9&quot;</td>
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<tr>
<td>Purple</td>
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<td>5.9&quot;</td>
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<tr>
<td>Gray</td>
<td>5.9&quot;</td>
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<td>5.9&quot;</td>
</tr>
</tbody>
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**SAFETY & PERFORMANCE:**

- UL and cUL Recognized
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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:**

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

---

**PHYSICAL:**

**Dimensions**

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<tr>
<td>Width</td>
<td>1.7&quot;</td>
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<tr>
<td>Height</td>
<td>1.14&quot;</td>
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<tr>
<td>Mounting Length</td>
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<tr>
<td>Weight</td>
<td>1.33 lbs.</td>
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<tr>
<td>Case Qty.</td>
<td>30 pcs.</td>
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**AC 60CD450UV-DS LED Driver**

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AC LED POWER DESIGNS

MULTI-CURRENT SWITCHING AND DIMMING

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<td>72W @ 120V</td>
<td>0.6A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>60-86V</td>
<td>700mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>84%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<tr>
<td></td>
<td>71W @ 277V</td>
<td>0.26A @ 277V</td>
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<tr>
<td>47W</td>
<td>56W @ 120V</td>
<td>0.47A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>60-86V</td>
<td>550mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td>0.2A @ 277V</td>
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<tr>
<td>39W</td>
<td>46W @ 120V</td>
<td>0.39A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>60-86V</td>
<td>450mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<tr>
<td></td>
<td>45W @ 277V</td>
<td>0.17A @ 277V</td>
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<tr>
<td>30W</td>
<td>37W @ 120V</td>
<td>0.31A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>60-86V</td>
<td>350mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td></td>
<td>36W @ 277V</td>
<td>0.13A @ 277V</td>
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WIRING:

<table>
<thead>
<tr>
<th>INPUT</th>
<th>OUTPUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLACK (LINE)</td>
<td>RED</td>
</tr>
<tr>
<td>WHITE (NEUTRAL)</td>
<td>BLUE</td>
</tr>
<tr>
<td></td>
<td>PURPLE</td>
</tr>
<tr>
<td>LED DRIVER</td>
<td>GRAY</td>
</tr>
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PHYSICAL:

Dimensions

- Length: 9.5"
- Width: 1.7"
- Height: 1.14"
- Mounting Length: 8.9"
- Weight: 1.33 lbs.
- Case Qty: 30 pcs.

SAFETY & PERFORMANCE:

- UL and cUL Recognized
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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 (2 KV)

INSTALLATION:

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

* A.C.E. 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 www.aceleds.com for complete warranty policy.

Model Number

AC-60CD700UV-QS
Type: Constant Current LED Driver
Input Voltage: 120-277V
Input Frequency: 50/60Hz

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**AC LED POWER DESIGNS**

**MULTI-CURRENT SWITCHING AND DIMMING**

**ELECTRICAL SPECIFICATIONS:**

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</thead>
<tbody>
<tr>
<td>60W</td>
<td>72W @ 120V</td>
<td>0.6A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>37-57V</td>
<td>1050mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>84%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td></td>
<td>71W @ 277V</td>
<td>0.26A @ 277V</td>
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<tr>
<td>40W</td>
<td>49W @ 120V</td>
<td>0.41A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>37-57V</td>
<td>700mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td></td>
<td>48W @ 277V</td>
<td>0.18A @ 277V</td>
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<tr>
<td>29W</td>
<td>35W @ 120V</td>
<td>0.3A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>37-57V</td>
<td>500mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<tr>
<td></td>
<td>34W @ 277V</td>
<td>0.13A @ 277V</td>
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**WIRING:**

- **Input:**
  - Black (LINE)
  - White (NEUTRAL)

- **Output:**
  - Red
  - Blue
  - Purple
  - Gray

- **V+ 0-10V**
- **V- @ 120V**
- **53V**

**PHYSICAL:**

- **Dimensions**
  - Length: 9.5"
  - Width: 1.7"
  - Height: 1.14"
  - Mounting Length: 8.9"
  - Weight: 1.33 lbs.
  - Case Qty.: 30 pcs.

**SAFETY & PERFORMANCE:**

- UL and cUL Class 2
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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 (2 KV)

**INSTALLATION:**

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

---

“A.C.E. 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 www.aceleds.com for complete warranty policy.

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**ELECTRICAL SPECIFICATIONS:**

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<tbody>
<tr>
<td>60W</td>
<td>70W @ 120V</td>
<td>0.58A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>33-52V</td>
<td>1150mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>86%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<tr>
<td></td>
<td>71W @ 277V</td>
<td>0.26A @ 277V</td>
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<tr>
<td>46W</td>
<td>54W @ 120V</td>
<td>0.45A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>33-52V</td>
<td>875mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>85%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td>55W @ 277V</td>
<td>0.20A @ 277V</td>
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<tr>
<td>36W</td>
<td>43W @ 120V</td>
<td>0.36A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>33-52V</td>
<td>700mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>84%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<tr>
<td></td>
<td>45W @ 277V</td>
<td>0.16A @ 277V</td>
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**WIRING:**

- **Input:** BLACK (LINE), BLUE (NEUTRAL), WHITE (NEUTRAL)
- **Output:** RED, PURPLE, GRAY

<table>
<thead>
<tr>
<th>Lead Lengths</th>
<th>Black</th>
<th>Blue</th>
<th>Purple</th>
<th>Gray</th>
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</thead>
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<td>12&quot;</td>
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**SAFETY & PERFORMANCE:**

- UL and cUL Recognized
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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; 3 yrs based on max case temp of 90°C
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (2 KV)

**INSTALLATION:**

- LED drivers shall be installed inside electrical enclosures
- LED driver cases should be grounded
- Max Remote installation distance is 18 ft

**Dimensions**

- Length: 9.5"
- Mounting Length: 8.9"
- Width: 1.7"
- Weight: 1.33 lbs.
- Height: 1.14"
- Case Qty: 30 pcs.

**Switch Hitter**

Model Number: AC-60CD1.15UVTS
Type: Constant Current LED Driver
Input Voltage: 120-277V
Input Frequency: 50/60Hz

**RoHS Compliant Lead-Free**

AC-60CD1.15UVTS LED Driver
3000 Avenue D, Arlington, TX 76011 • 800-375-6355 • www.aceleds.com

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**ELECTRICAL SPECIFICATIONS:**

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<tbody>
<tr>
<td>60W</td>
<td>72W @ 120V</td>
<td>0.6A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>30-43V</td>
<td>1400mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>84%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td>71W @ 277V</td>
<td>0.26A @ 277V</td>
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<tr>
<td>45W</td>
<td>55W @ 120V</td>
<td>0.46A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>30-43V</td>
<td>1050mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td>54W @ 277V</td>
<td>0.2A @ 277V</td>
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<td>30W</td>
<td>37W @ 120V</td>
<td>0.31A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>30-43V</td>
<td>700mA±5%</td>
<td>90° C</td>
<td>-40° C</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td>36W @ 277V</td>
<td>0.13A @ 277V</td>
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**WIRING:**

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

- **OUTPUT**
  - V+ 0-10V DIMMER
  - V 0-10V

**PHYSICAL:**

- **Dimensions**
  - Length: 9.5"
  - Width: 1.7"
  - Height: 1.14"
  - Mounting Length: 8.9"
  - Weight: 1.33 lbs.
  - Case Qty.: 30 pcs.

**SAFETY & PERFORMANCE:**

- UL and cUL Class 2
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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 (2 KV)

**INSTALLATION:**

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

---

*Note: A.C.E. 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 www.aceleds.com for complete warranty policy.*

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Model Number
AC-60CD2.5UV-QS
Type: Constant Current LED Driver
Input Voltage: 120-277V
Input Frequency: 50/60Hz

ELECTRICAL SPECIFICATIONS:

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<td>72W @ 120V</td>
<td>0.6A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>16-24V</td>
<td>2500mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>84%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td>71W @ 277V</td>
<td>0.26A @ 277V</td>
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<td>2300mA±5%</td>
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<td>16-24V</td>
<td>2000mA±5%</td>
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<td>-40°C</td>
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<td>1700mA±5%</td>
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WIRING:

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<th>Black</th>
<th>Blue</th>
<th>Purple</th>
<th>White</th>
<th>Red</th>
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SAFETY & PERFORMANCE:

- UL and cUL Class 2
- UL Outdoor Type I
- Class A sound rating
- No PCBs
- IP66
- 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 (2 KV)

INSTALLATION:

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required to use in installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

*A.C.E. 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 www.aceleds.com for complete warranty policy.