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

WIRING:

SAFETY & PERFORMANCE:
- UL US Class 2
- cUL LVLE
- UL Outdoor Type I
- 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
- 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)

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

ELECTRICAL SPECIFICATIONS:

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<tbody>
<tr>
<td>42W</td>
<td>52W @ 120V</td>
<td>0.44A @ 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>64</td>
<td>82%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td></td>
<td>51W @ 277V</td>
<td>0.175A @ 277V</td>
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<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>64</td>
<td>83%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<td>37W @ 277V</td>
<td>0.14A @ 277V</td>
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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>64</td>
<td>83%</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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<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>64</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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Driver Option:
- 12V Output Tap Wire (AC-42CD700ATAK)
- 10% dimming, Dim-To-Off and 1%
- 10Kv Surge Protection
- Consult Factory for model number and form factor

SAFETY & PERFORMANCE:
- 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)

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

AC Electronics (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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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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E328847

UL LVLE
**Performance Characteristics**

*Life Time v.s. Case Temperature Curve*

![Graph showing Life Time vs. Case Temperature for AC-42CD700UV-QS, AC-42CD700AQBCC, and AC-42CD700ATAK models.*

*Case Temperature Curve (°C) Derating Curve 120Vac & 277Vac*

![Graph showing Derating Curve for Outside Driver Ambient Temperature (°C).]
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

Output Current v.s. Resistance