**INSTALLATION:**

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

**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 \( \leq 75^\circ\)C
- LED driver has a life expectancy of 100,000 hours at Tcase of \( \leq 65^\circ\)C
- Warranty: 5 yrs based on max case temp of \( \leq 75^\circ\)C; 3 yrs based on max case temp of \( 90^\circ\)C
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (2 KV)

**INPUT/OUTPUT:**

- Black (Line)
- RED +
- BLUE -
- PURPLE
- GRAY
- V= 0-10V
- DIMMER
- V= 0-10V

**OUTPUT:**

- **AC-40CD1.4AQL LED Driver**
  - Input Voltage: 120-277V
  - Input Frequency: 50/60Hz
  - Side Mount/Leads

**WIRING:**

- Input Power: 47W
- Input Current: 0.4A @ 120V, 0.18A @ 277V
- Minimum PF (full load): >0.95
- Max. THD (full load): <20%
- Output Voltage: 20-29V
- Output Current: 1400mA±5%
- T case Max.: 90°C
- Minimum Starting Temp.: -40°C
- Efficiency Up To: 85%
- Dimming Protocol: 0 to 10V
- Dimming Range: 0 to 100%

**PHYSICAL:**

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

**ELECTRICAL SPECIFICATIONS:**

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<tbody>
<tr>
<td>40W</td>
<td>47W</td>
<td>0.4A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;20%</td>
<td>20-29V</td>
<td>1400mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>85%</td>
<td>0 to 10V</td>
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<td>0.18A @ 277V</td>
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**SAFETY & PERFORMANCE:**

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- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (2 KV)

**DIMENSIONS:**

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

**SAFETY & PERFORMANCE:**

- Warranty: 5 yrs based on max case temp of \( \leq 75^\circ\)C; 3 yrs based on max case temp of \( 90^\circ\)C
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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.