ELECTRICAL SPECIFICATIONS:

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<tbody>
<tr>
<td>108W</td>
<td>123W</td>
<td>1.03A @ 120V 0.45A @ 277V</td>
<td>&gt;0.9</td>
<td>&lt;20%</td>
<td>33-54V</td>
<td>2000mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>88%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
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<tr>
<td>92W</td>
<td>106W</td>
<td>0.88A @ 120V 0.38A @ 277V</td>
<td>&gt;0.9</td>
<td>&lt;20%</td>
<td>33-54V</td>
<td>1700mA±5%</td>
<td>90°C</td>
<td>-40°C</td>
<td>87%</td>
<td>0 to 10V</td>
<td>10 to 100%</td>
</tr>
<tr>
<td>57W</td>
<td>63W</td>
<td>0.54A @ 120V 0.23A @ 277V</td>
<td>&gt;0.9</td>
<td>&lt;20%</td>
<td>33-54V</td>
<td>1050mA±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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SAFETY & PERFORMANCE:

- UL Recognized
- cUL Recognized
- 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 (2 KV)

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

*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.
Performance Characteristics

Life Time v.s. Case Temperature Curve

Derating Curve 120Vac & 277Vac

Outside Driver Ambient Temperature (°C)

Load (%)
Performance Characteristics

Efficiency v.s. Load

![Efficiency vs. Load Graph]

- Efficiency (%) vs. Load (%)
- 120V and 277V

Power Factor v.s. Load

![Power Factor vs. Load Graph]

- Power Factor (PF) vs. Load (%)
- 120V and 277V

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

![Graph: Output Current v.s. Dimming]

Output Current v.s. Resistance

![Graph: Output Current v.s. Resistance]

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