### LED Driver

**High Power Constant Current LED Driver**  
**Wall-mount and Hook-up Wire**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Power</td>
<td>10 Watts max.</td>
</tr>
<tr>
<td>Input Voltages</td>
<td>100-250 VAC</td>
</tr>
<tr>
<td>Number of Outputs</td>
<td>One</td>
</tr>
</tbody>
</table>

### SPECIAL FEATURES
- Compact size that maximize design flexibility.
- 2.56” x 1.38” x 0.90” (LxWxH)
- Full range AC input
- Available in Wall-mount and hookup wire style
- High efficiency reduce total power consumption
- Tight regulated constant current output to maximize the LED performance
- Pre-adjusted C/C outputs

### ELECTRICAL SPECIFICATIONS
- **Input range**: 100 to 250 VAC, Full range
- **Frequency**: 47 to 63 Hz
- **Inrush current**: 30.0 Amps maximum at any input range
- **Input current**: 0.3Amps maximum at 115/230 input range
- **Efficiency**: 65% typical at 120VAC and maximum load
- **EMI filtering**: FCC part 15J class B, CISPR 22 class B
- **Maximum power**: 12W
- **Output regulation**: ±5% @constant current mode
- **Hold up time**: 10ms minimum at 120 VAC and 80% of rated load
- **Protection**: Overload protection, Short Circuit Protection

### ENVIRONMENTAL
- **Operating temperature**: -20 to+60 º C
- **Storage temperature**: -20 to 80 º C
- **Humidity (Non-Condensing)**: 5% to 95%
- **Cooling**: Convection
- **Vibration Frequency**: 5 to 55 Hz
- **MTBF**: >100,000 Hours at full load and 25ºC ambient conditions (MIL-217E)

### SAFETY
- UL, cUL and CE certified

### ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Model #</th>
<th>Output Voltage Range (VDC)</th>
<th>Output Current (mA)</th>
<th>Output Power (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD-CU3503AF</td>
<td>4 ~ 12V</td>
<td>350mA</td>
<td>4.2-Watts</td>
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<tr>
<td>LD-CU3536AF</td>
<td>4 ~ 28V</td>
<td>350mA</td>
<td>10-Watts</td>
</tr>
<tr>
<td>LD-CU7006AF</td>
<td>4 ~ 12V</td>
<td>700mA</td>
<td>6.5-Watts</td>
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<tr>
<td>LD-CU7021AF</td>
<td>4 ~ 12V</td>
<td>700mA</td>
<td>9-Watts</td>
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<td>LD-PI3503AF</td>
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### MECHANICAL DRAWINGS
- **LD-XX** = Enclose type
- **CU** = Hook up wire style
- **PI** = Wall-mount style

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**LD-CU Series**

**LD-PI Series**