**ELECTRICAL SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Output Power</th>
<th>Input Power</th>
<th>Input Current</th>
<th>Min PF (full load)</th>
<th>Max THD (full load)</th>
<th>Output Voltage</th>
<th>Output Current</th>
<th>T case Max</th>
<th>Min Starting Temp</th>
<th>Efficiency Up To</th>
<th>Dimming Protocol</th>
<th>Dimming Range</th>
<th>IP Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>30W</td>
<td>37W</td>
<td>≥0.3A@120V</td>
<td>&gt;0.90</td>
<td>&lt;20</td>
<td>15-55V</td>
<td>350mA-1250mA</td>
<td>90°C</td>
<td>-40°C</td>
<td>82%</td>
<td>0-10V</td>
<td>10-100%</td>
<td>66</td>
</tr>
</tbody>
</table>

**SAFETY:**

- Class A sound rating
- Overload Protection
- 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°C³

**INSTALLATION:**

- IP 66 Harsh Weatherproof
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

³AC 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.

**WIRING:**

**INPUT**

- BLACK (LINE)
- RED (NEUTRAL)
- WHITE (NEUTRAL)
- PURPLE
- GRAY

**OUTPUT**

- +
- -
- 0-10V
- DIMMER
- V+
- V-

**PHYSICAL:**

**Dimensions**

<table>
<thead>
<tr>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.23&quot;</td>
<td>2.48&quot;</td>
<td>1.18&quot;</td>
<td>4.84&quot;</td>
</tr>
</tbody>
</table>

**Tref Max Value (°C)**

- 90

**Tc/Tref Value (°C)**

- 58.2

**Ta/Value (°C)**

- 40

The LED Driver Type TL Program is intended to assist you in gaining greater market access for your LED drivers. This service is also intended to assist end-product LED Luminaire manufacturers improve their speed-to-market by making it easy to source a compliant LED Driver.

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Revised 01/12/2016

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.
**CONTROL THE IOUT WITH THE PROGRAMMING WAND. DOWNLOAD SOFTWARE FROM**

http://www.aceleds.com/programmable.php

<table>
<thead>
<tr>
<th>CURRENT VALUE (mA)</th>
<th>Correspond Iout Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>350</td>
<td>22 01 00 02</td>
</tr>
<tr>
<td>400</td>
<td>4D 01 00 02</td>
</tr>
<tr>
<td>450</td>
<td>73 01 00 02</td>
</tr>
<tr>
<td>500</td>
<td>A2 01 00 02</td>
</tr>
<tr>
<td>550</td>
<td>CA 01 00 02</td>
</tr>
<tr>
<td>600</td>
<td>F2 01 00 02</td>
</tr>
<tr>
<td>650</td>
<td>IF 02 00 02</td>
</tr>
<tr>
<td>700</td>
<td>4B 02 00 02</td>
</tr>
<tr>
<td>750</td>
<td>76 02 00 02</td>
</tr>
<tr>
<td>800</td>
<td>AS 02 00 02</td>
</tr>
</tbody>
</table>

**Phone Instructions**

First you must have an Android device (phone/tablet) with NFC-V app downloaded.

Open App; then place the device on top of the driver matching up sensors until it syncs up

Basic format

Write
Insert the appropriate code from chart above
Write
Successfully written will appear

To Check: Read
Read
Shows you the Block - 00 00 00 00

This is where the code you input appears
Performance Characteristics

Life Time v.s. Case Temperature Curve

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Performance Characteristics

Efficiency v.s. Load

Power Factor v.s. Load

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Performance Characteristics

Output Current v.s. Dimming

Output Current v.s. Resistance