**APPLICATION and PERFORMANCE SPECIFICATION**

**Description:** Standard - electronic low frequency square wave ballast for 39W metal halide lamps with 120V "tap" for 3 or 4-wire self heating thermal protectors (IDTPs). Ballast has extra-long 36" lead lengths.

<table>
<thead>
<tr>
<th>Lamp</th>
<th>ANSI Type</th>
<th>#</th>
<th>Volts</th>
<th>Watts</th>
<th>Input Line Amps</th>
<th>Power Factor</th>
<th>Ballast Factor</th>
<th>Harmonic Crest Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>M130/C130</td>
<td>1</td>
<td>120</td>
<td>44 w/o IDTP</td>
<td>0.37</td>
<td>&gt; 95%</td>
<td>1.00</td>
<td>&lt; 5%</td>
<td>&lt; 1.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>277</td>
<td>44 w/o IDTP</td>
<td>0.17</td>
<td>&gt; 95%</td>
<td>1.00</td>
<td>&lt; 11%</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>120</td>
<td>46 w/IDTP</td>
<td>0.39</td>
<td>&gt; 95%</td>
<td>1.00</td>
<td>&lt; 4%</td>
<td>&lt; 1.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>277</td>
<td>46 w/IDTP</td>
<td>0.18</td>
<td>&gt; 95%</td>
<td>1.00</td>
<td>&lt; 9%</td>
</tr>
</tbody>
</table>

**Ballast Order Code:** 18849

**Performance:**
- Meets FCC Part 18C for EMI & RFI (non-consumer)

**Application:**
- IDTP "tap" Function: Provides 120V to heaters of IDTPs.
- Compatible with 3 or 4 wire IDTPs
- Operation with IDTP is dual voltage rated for 120V or 277V.
- Can be operated as normal HID ballast with tap lead capped-off
- Minimum Starting Temperature: -15°C/+5°F
- Maximum Case Temperature: 80°C/176°F
- Sound Rated: A
- Remote Mounting: 15 Feet

**Physical Parameters**

- Overall Length: 5.02'/127.5mm
- Width: 3.62'/92.0mm
- Height: 1.57'/39.9mm
- Weight: 20 oz
- Lead lengths: All 36'/914mm
- Lead stripping: All .375'/9.53mm

**Warranty:**

Universal Lighting Technologies warrants to the purchaser that each electronic ballast will be free from defects in material or workmanship for a period of 3 years from date of manufacture when properly installed and under normal conditions of use. The normal operation of 4000 hr./yr. is used for the warranty period. Longer operating times will adjust the warranty period accordingly. For extended warranty periods greater than 36 months, call 1-800 BALLAST for fixture testing instructions.

**Manufactured in North America**

**WIRING (with 3-wire 120V IDTP)**

**WIRING (with 4-wire 120V IDTP)**

**WIRING (with 3-wire 277V IDTP)**