**M3912-27CK-6EU-F**  
**APPLICATION and PERFORMANCE SPECIFICATION**

**Description:** Mini Square - electronic low frequency square wave ballast for 39W metal halide lamps

- Line Voltage: 120 - 277 vac, ±10%, 50/60Hz  
- Microprocessor controlled  
- RoHS Compliant  
- Mounting type: Feet - side lead exit

<table>
<thead>
<tr>
<th>Lamp Order Code</th>
<th>ANSI Type</th>
<th>#</th>
<th>Volts</th>
<th>Input Watts</th>
<th>Nominal Line Amps</th>
<th>Power Factor</th>
<th>Ballast Factor</th>
<th>Harmonic Factor</th>
<th>Crest Factor</th>
</tr>
</thead>
<tbody>
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<td>M130/C130</td>
<td>1</td>
<td></td>
<td>120</td>
<td>44</td>
<td>0.37</td>
<td>&gt; 95%</td>
<td>1.00</td>
<td>&lt;5%</td>
<td>&lt;1.5</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>277</td>
<td>44</td>
<td>0.17</td>
<td>&gt; 95%</td>
<td>1.00</td>
<td>&lt;11%</td>
<td>&lt;1.5</td>
</tr>
</tbody>
</table>

**Ballast Order Code:** 188895

**Performance:**
- Meets ANSI Standard C82.14-2006  
- Meets FCC Part 18C for EMI & RFI (non-consumer)  
- EOL Protection

**Application:**
- Minimum Starting Temperature: -15°C/+5°F  
- Maximum Case Temperature: 85°C/ 185°F  
- Sound Rated: A  
- Remote Mounting: 15 feet  

Each lamp's lead wires must be run in a separate minimum 1/2" ID conduit from the input leads to achieve good EMI performance and maximum remote capabilities. Individual, unbundled lead wires must be used for extension wiring using wire types SF-2 or SFF-2 or equivalent. Power cords and MC cables are not acceptable extension wiring methods.

**Physical Parameters**
- Overall Length: 3.74"/95.1mm  
- Width: 2.98"/75.6mm  
- Height: 1.21"/30.6mm  
- Weight: 9 oz  
- Lead lengths: All 10"/254mm  
- Lead stripping: (Tinned) 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**