## Ballast Specification

### 250W M58

**Metal Halide**  
**V90E6250**  
**60 Hz CWI C&C**

### Input Volts

<table>
<thead>
<tr>
<th></th>
<th>120</th>
<th>240</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line Current (Amps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating</td>
<td>2.60</td>
<td>1.30</td>
</tr>
<tr>
<td>Open Circuit</td>
<td>2.30</td>
<td>1.15</td>
</tr>
<tr>
<td>Starting</td>
<td>0.80</td>
<td>0.40</td>
</tr>
<tr>
<td>Recommended Fuse (Amps)</td>
<td>7</td>
<td>4</td>
</tr>
<tr>
<td>Regulation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Line Volts</td>
<td>±10%</td>
<td>±10%</td>
</tr>
<tr>
<td>Lamp Watts</td>
<td>±5%</td>
<td>±5%</td>
</tr>
</tbody>
</table>

### Temperature Ratings

- **Insulation Class**: A  
- **Coil Temperature Code**: A
- **Benchtop Coil Rise**: 180 (H)  

### Power Factor (%)

- **HPF**: 90  
- **Input Watts**: 303 W  
- **Efficiency**: 90  
- **NOM. Circuit Voltage**: 300  
- **Input Voltage At Lamp Dropout**: 80  
- **Min Ambient Starting Temp**: -20°F/-30°C  
- **Max Ambient Starting Temp**: -20°F/-30°C

### 60 Hz Test Procedures

- **High Potential Test (Volts)**
  - 1 Minute: 2,000 V
  - 1 Second: 2,500 V
- **Open Circuit Voltage Test (V)**: 270 - 330  
- **Short Circuit Current Test (A)**
  - Min Secondary Current: 2.20
  - Max Secondary Current: 2.70
  - Min Input Current: 0.60
  - Max Input Current: 0.50

### CORE and COIL Specifications

- **Dimension (A)**: 2.16 in  
- **Dimension (B)**: 3.75 in  
- **Weight**: 14.0 lb's  
- **Lead Lengths**: 12"  

### Capacitor Requirement

- **Microfarads**: 12.0 uf  
- **Volts (Min)**: 480 V  

### Ordering Information

- **C** - With Oil-Filled Capacitor  
- **CB** - With Oil-Filled Capacitor and Welded Bracket  
- **B** - With Welded Bracket, no Capacitor  
- **K** - Prewired, with Oil-Filled Capacitor and Bracket Kit

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**Capacitor**: ACB170OV  
**Ignitor**: None

**Dimensions**

- **Oval Width (Max)**: 2.97 in  
- **Oval DIA.**: 1.97 in

**This Ballast Does Not Require An Ignitor**

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**RoHS**

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Data is based upon tests performed by Venture Lighting in a controlled environment and is representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

5/11/2018 Production  
Coil Material (PRI/SEC): Cu / Cu

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