### BALLAST SPECIFICATION

#### 1000W M47

**Metal Halide**

**V90D6517**

60 Hz CWA  C&C

<table>
<thead>
<tr>
<th>Input Volts</th>
<th>120</th>
<th>208</th>
<th>240</th>
<th>277</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line Current (Amps)</td>
<td>9.00</td>
<td>5.55</td>
<td>4.60</td>
<td>4.00</td>
</tr>
<tr>
<td>Operating</td>
<td>5.35</td>
<td>3.95</td>
<td>2.95</td>
<td>2.50</td>
</tr>
<tr>
<td>Open Circuit</td>
<td>6.30</td>
<td>3.50</td>
<td>3.25</td>
<td>2.85</td>
</tr>
<tr>
<td>Starting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Recommended Fuse (Amps)**

| 22 | 15 | 12 | 10 |

**Regulation**

| Line Volts | ±10% | ±10% | ±10% | ±10% |
| Lamp Watts | ±10% | ±10% | ±10% | ±10% |

**Temperature Ratings**

- **Insulation Class**: 180 (H) 180 (H) 180 (H) 180 (H)
- **Coil Temperature Code**: D D D C
- **Benchtop Coil Rise**: 89.4 89.9 82.4 64.9

**Power Factor (%)**

| 90 | 90 | 90 | 90 |

- **Efficiency**: ±10% ±10% ±10% ±10%

- **Line Volts**: ±10% ±10% ±10% ±10%

- **Lamp Watts**: ±10% ±10% ±10% ±10%

**Efficiency**

| 90 | 90 | 90 | 90 |

**Input Volts (Max)**

| 420 | 420 | 420 | 420 |

**Input Voltage At Lamp Dropout**

| 75 | 120 | 140 | 160 |

**Min Ambient Starting Temp**

| -20°F/-30°C | -20°F/-30°C | -20°F/-30°C | -20°F/-30°C |

### 60 Hz TEST PROCEDURES

#### High Potential Test (Volts)

- **1 Minute**: 2,000 V 2,000 V 2,000 V 2,000 V
- **1 Second**: 2,500 V 2,500 V 2,500 V 2,500 V

#### Open Circuit Voltage Test (V)

| 375 - 460 | 375 - 460 | 375 - 460 | 375 - 460 |

#### Short Circuit Current Test (A)

- **Secondary Current**
  - Min: 4.80 4.80 4.80 4.80
  - Max: 5.90 5.90 5.90 5.90

- **Input Current**
  - Min: 5.05 2.80 2.60 2.25
  - Max: 7.60 4.20 3.90 3.40

### CORE and COIL Specifications

- **Dimension (A)**: 2.80 in 2.80 in 2.80 in
- **Dimension (B)**: 4.95 in 4.95 in 4.95 in
- **Weight**: 18.5 lb/s 18.5 lb/s 18.5 lb/s
- **Lead Lengths**: 12" 12" 12" 12"

#### Capacitor Requirement

- **Microfarads**: 24.0 uf 24.0 uf 24.0 uf 24.0 uf
- **Volts (Min)**: 480 V 480 V 480 V 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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**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.**

04/22/2020  Production  Cores Material (PRI/SEC): Cu / Al

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**RoHS**

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