**Capacitor:**

- **Microfarads:** 24.0 uf

**1000W M47**

**Metal Halide**

**V90D6516**

**60 Hz CWA C&C**

**Input Volts**

<table>
<thead>
<tr>
<th></th>
<th>120</th>
<th>208</th>
<th>240</th>
<th>277</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Line Current (Amps)</td>
<td>8.80</td>
<td>5.00</td>
<td>4.60</td>
<td>3.90</td>
</tr>
<tr>
<td>Open Circuit</td>
<td>6.70</td>
<td>3.60</td>
<td>3.70</td>
<td>3.10</td>
</tr>
<tr>
<td>Starting</td>
<td>5.50</td>
<td>3.20</td>
<td>2.80</td>
<td>2.40</td>
</tr>
</tbody>
</table>

**Recommended Fuse (Amps):** 22

**Line Volts Regulation:** ±10%

**Lamp Watts Regulation:** ±10%

**Temperature Ratings**

- **Insulation Class:** 180 (H) 180 (H) 180 (H) 180 (H)
- **Coil Temperature Code:** D A B C
- **Benchtop Coil Rise:** 89.4

**Power Factor (%), Efficiency**

- **Efficiency:** 90 90 90 90

**NOM. Open Circuit Voltage:** 420 420 420 420

**Input Voltage At Lamp Dropout:** 60 110 130 140

**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: 1,650 V 1,650 V 1,650 V 1,650 V
  - 1 Second: 2,000 V 2,000 V 2,000 V 2,000 V
- **Short Circuit Current Test (A):**
  - Min Secondary Current: 4.65 4.65 4.65 4.65
  - Max Secondary Current: 5.70 5.70 5.70 5.70
  - Min Input Current: 4.15 2.50 2.10 1.85
  - Max Input Current: 6.25 3.85 3.25 2.85

**Core and Coil Specifications**

- **Dimension (A):** 3.25 in 3.25 in 3.25 in 3.25 in
- **Dimension (B):** 5.45 in 5.45 in 5.45 in 5.45 in
- **Weight:** 18.5 lb's 18.5 lb's 18.5 lb's 18.5 lb's
- **Lead Lengths:** 12 " 12 " 12 " 12 "

**Capacitor Requirement**

- **Microfarads:** 24.0 uf
- **Volts (Min):** 450 V 450 V 450 V 450 V

**Ordering Information**

- Add Suffix for options:
  - 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

**RoHS**

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

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