**250W S50**

**High Pressure Sodium**

V90D1711

60 Hz CWA  C&C

**Capacitor:**

- 35.0 μf
- RoHS

**Ballast Specifications**

### Input Volts

<table>
<thead>
<tr>
<th>Line Current (Amps)</th>
<th>120</th>
<th>208</th>
<th>240</th>
<th>277</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating</td>
<td>2.50</td>
<td>1.45</td>
<td>1.25</td>
<td>1.10</td>
</tr>
<tr>
<td>Open Circuit</td>
<td>1.90</td>
<td>1.10</td>
<td>0.95</td>
<td>0.85</td>
</tr>
<tr>
<td>Starting</td>
<td>1.80</td>
<td>1.00</td>
<td>0.90</td>
<td>0.75</td>
</tr>
</tbody>
</table>

**Recommended Fuse (Amps):**

| 7 | 4 | 4 | 3 |

**Regulation**

- Line Volts: ±10%  
- Lamp Watts: ±13%

**Temperature Ratings**

- Insulation Class: B (H)
- Coil Temperature Code: 77.4
- Benchtop Coil Rise: 79.3

**Power Factor (%):**

- HPF: 90

**Input Watts:**

- 295 W

**Efficiency:**

- 90%

**NOM. Open Circuit Voltage:**

- 195

**Input Voltage At Lamp Dropout:**

- 85

**Min Ambient Starting Temp:**

- -40°F/-40°C

### 60 Hz Test Procedures

**High Potential Test (Volts):**

- 1 Minute
  - 1,600 V
  - 1,600 V
  - 1,600 V
  - 1,600 V
- 1 Second
  - 2,000 V
  - 2,000 V
  - 2,000 V
  - 2,000 V

**Open Circuit Voltage Test (V):**

- 175 - 215
- 175 - 215
- 175 - 215
- 175 - 215

**Short Circuit Current Test (A):**

<table>
<thead>
<tr>
<th>Min</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secondary Current</td>
<td>3.80</td>
</tr>
<tr>
<td>Weight</td>
<td>11.0 lbs</td>
</tr>
<tr>
<td>Lead Lengths</td>
<td>12 &quot;</td>
</tr>
</tbody>
</table>

**Capacitor Requirement:**

<table>
<thead>
<tr>
<th>Microfarads</th>
<th>Volts (Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>35.0 μf</td>
<td>240 V</td>
</tr>
</tbody>
</table>

**Ordering Information:**

- C - With Dry Capacitor
- CB - With Dry Capacitor and Welded Bracket
- B - With Welded Bracket, no Capacitor
- K - Prewired, with Dry 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**

Coil Material (PRI/SEC): Cu / Cu

RoHS

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