**Capacitor:**

- Microfarads: 55.0 uf

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**Ballast Specification**

**400W S51**

**High Pressure Sodium**

**V90J1911**

60 Hz CWA C&C

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### Input Volts

<table>
<thead>
<tr>
<th></th>
<th>120</th>
<th>277</th>
<th>347</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line Current (Amps)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating</td>
<td>3.80</td>
<td>1.70</td>
<td>1.30</td>
</tr>
<tr>
<td>Open Circuit</td>
<td>1.50</td>
<td>0.65</td>
<td>0.55</td>
</tr>
<tr>
<td>Starting</td>
<td>3.30</td>
<td>1.40</td>
<td>1.15</td>
</tr>
<tr>
<td>Recommended Fuse (Amps)</td>
<td>10</td>
<td>5</td>
<td>4</td>
</tr>
</tbody>
</table>

### Temperature Ratings

- Insulation Class: 180 (H) 180 (H) 180 (H)
- Coil Temperature Code: C C D
- Benchtop Coil Rise: 83.0 83.5 85.5

### Power Factor (%)

- HPF: 90 90 90

### Efficiency

- NOM. Open Circuit Voltage: 185 185 185
- Input Voltage At Lamp Dropout: 85 195 245

### Min Ambient Starting Temp

-40°F/-40°C -40°F/-40°C -40°F/-40°C

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### 60 Hz Test Procedures

- High Potential Test (Volts)
  - 1 Minute: 2,000 V 2,000 V 2,000 V
  - 1 Second: 2,400 V 2,400 V 2,400 V
- Open Circuit Voltage Test (V)
  - Min: 165 - 205 165 - 205 165 - 205
  - Max: 5.85 5.85 5.85
- Secondary Current
  - Min: 7.15 7.15 7.15
  - Max: 2.60 1.15 0.90
- Input Current
  - Min: 4.00 1.75 1.40

### Core and Coil Specifications

- Dimension (A): 2.30 in 2.30 in 2.30 in
- Dimension (B): 4.20 in 4.20 in 4.20 in
- Weight: 14.0 lb’s 14.0 lb’s 14.0 lb’s
- Lead Lengths: 12" 12" 12"

### Capacitor Requirement

- Microfarads: 55.0 uf 55.0 uf 55.0 uf
- Volts (Min): 240 V 240 V 240 V

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**Ordering Information**

- Add Suffix for options
- 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.

5/11/2018 Production

Coil Material (PRI/SEC): Cu / Cu

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RoHS