**150W S55**

High Pressure Sodium

V90Y1454

60 Hz CWI C&C

### Core and Coil Specifications

<table>
<thead>
<tr>
<th>Dimension (A)</th>
<th>3.15 in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimension (B)</td>
<td>4.55 in</td>
</tr>
<tr>
<td>Weight</td>
<td>11.0 lb's</td>
</tr>
<tr>
<td>Lead Lengths</td>
<td>12 &quot;</td>
</tr>
</tbody>
</table>

### Capacitor Requirement

- **Microfarads:** 51.0 uf
- **Volts (Min):** 180 V

### 60 Hz Test Procedures

- **High Potential Test (Volts):**
  - 1 Minute: 2,000 V
  - 1 Second: 2,500 V
  - Open Circuit Voltage Test (V): 105 - 130

- **Short Circuit Current Test (A):**
  - Min: 3.90
  - Max: 4.80
  - Min: 0.20
  - Max: 0.30

### Power Factor (%)

- **HPF:** 90

### Efficiency

- **Operating:** ±10%
- **Open Circuit:** ±6%

### Input Volts

- **480**

### Input Current (Amps)

<table>
<thead>
<tr>
<th></th>
<th>Operating</th>
<th>Open Circuit</th>
<th>Starting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.40</td>
<td>0.20</td>
<td>0.25</td>
</tr>
</tbody>
</table>

### Recommended Fuse (Amps)

- **1**

### Temperature Ratings

- **Insulation Class:** 180 (H)
- **Coil Temperature Code:** D
- **Benchtop Coil Rise:** 85.0

### Input Volts At Lamp Dropout

- **250**

### Min Ambient Starting Temp

- **-40°F/-40°C**

### 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.

**04/23/2020 Production**

Coil Material (PRI/SEC): Cu / Cu

RoHS

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