## Ballast Specification

**100W M90**

Pulse Start Metal Halide  
V90H5932  
60 Hz HX  
C&C

### CORE and COIL Specifications

<table>
<thead>
<tr>
<th>Dimension (A)</th>
<th>Dimension (B)</th>
<th>Weight</th>
<th>Lead Lengths</th>
<th>Microfarads</th>
<th>Volts (Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.70 in</td>
<td>3.10 in</td>
<td>5.2 lb's</td>
<td>12&quot;</td>
<td>12.0 uf</td>
<td>280 V</td>
</tr>
</tbody>
</table>

**Capacitor Requirement**

- Microfarads: 12.0 uf
- Volts (Min): 280 V

**Ignitor**

- BVS-032

**Case Temp (Max):** 105 °C

**BTL Distance (Max):** 2 ft

**Min Ambient Starting Temp:** -20°F/-30°C

### Power Factor (%)

- HPF: 90%

### Line Volts

<table>
<thead>
<tr>
<th>Input Watts</th>
<th>Efficiency</th>
<th>80.2%</th>
<th>124 W</th>
<th>120 W</th>
</tr>
</thead>
</table>

### Input Voltage at Lamp Dropout

<table>
<thead>
<tr>
<th>Voltage</th>
<th>80</th>
<th>180</th>
</tr>
</thead>
</table>

### Operating 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

* -40°F/-40°C Min Ambient Starting Temp with Venture Lamp

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.

**04/21/2020 Production**

Coil Material (PRI/SEC): Cu / Al

RoHS

Complies with the Energy Independence and Security Act of 2007 and California Title 20 Appliance Efficiency Regulations

7905 Cochran Road, Suite 300, Glenwillow OH 44139 ▼ Phone (800) 451-2606 ▼ Email Venture_Lighting@VentureLighting.com ▼ VentureLighting.com