## BALLAST SPECIFICATION

### 1000W M141

**Pulse Start Metal Halide**  
V90D7811  
60 Hz CWA C&C

### Capacitor:
- 24.0 uf

### Ignitor:
- BVS-020

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

### Efficiency:
- ±10%

### Power Factor (%):
- HPF: 90

### Line Current (Amps):
- Operating: 8.95
- Open Circuit: 5.85
- Starting: 6.10

### Recommended Fuse (Amps):
- 25

### Input Watts:
- 1068 W

### Input Voltage At Lamp Dropout:
- 75

### Input Voltage:
- 120 208 240 277 V

### Line Volts:
- 90

### Lamp Watts:
- 90

### Insulation Class:
- D

### Coil Temperature Code:
- D

### Core and Coil Specifications:
- Dimension (A): 2.80 in
- Dimension (B): 4.95 in
- Weight: 18.5 lb's
- Lead Lengths: 12"

### Electrode Lead Length:
- 2.80" (71.1 mm)

### Electrical Specifications:
- 4X6 CORE WMF

### Dimensions:
- Height (Max): 4.375" (111 mm)
- Oval Width (Max): 2.97 in
- Oval DIA. (Max): 2.30" (58.4 mm)

### Compliance:
- RoHS
- Complies with the Energy Independence and Security Act of 2007 and California Title 20 Appliance Efficiency Regulations

### 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.

### 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

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### 60 HZ TEST PROCEDURES

<table>
<thead>
<tr>
<th>High Potential Test (Volts)</th>
<th>1 Minute</th>
<th>2 Second</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line Current (Amps)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating</td>
<td>1.850 V</td>
<td>2.200 V</td>
</tr>
<tr>
<td>Open Circuit Voltage Test (V)</td>
<td>375 - 465</td>
<td>375 - 465</td>
</tr>
<tr>
<td>Short Circuit Current Test (A)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Min Secondary Current</td>
<td>4.75</td>
<td>5.80</td>
</tr>
<tr>
<td>Max Secondary Current</td>
<td>4.75</td>
<td>5.80</td>
</tr>
<tr>
<td>Min Input Current</td>
<td>4.75</td>
<td>5.80</td>
</tr>
<tr>
<td>Max Input Current</td>
<td>4.75</td>
<td>5.80</td>
</tr>
</tbody>
</table>

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### CAPACITOR REQUIREMENT

<table>
<thead>
<tr>
<th>Microfarads</th>
<th>Volts (Min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>24.0 uf</td>
<td>480 V</td>
</tr>
</tbody>
</table>

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### COMPLIANCE

RoHS

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4/5/2018 Production