**BALLAST SPECIFICATION**

**400W M135 / M155**  
Pulse Start Metal Halide  
V90AM7610  
60 Hz CWA C&C

<table>
<thead>
<tr>
<th>Input Volts</th>
<th>120</th>
<th>208</th>
<th>240</th>
<th>277</th>
<th>480</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line Current (Amps)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating</td>
<td>3.70</td>
<td>2.15</td>
<td>1.85</td>
<td>1.65</td>
<td>1.00</td>
</tr>
<tr>
<td>Open Circuit</td>
<td>1.85</td>
<td>1.10</td>
<td>0.95</td>
<td>0.85</td>
<td>0.50</td>
</tr>
<tr>
<td>Starting</td>
<td>3.25</td>
<td>1.90</td>
<td>1.65</td>
<td>1.45</td>
<td>0.85</td>
</tr>
</tbody>
</table>

**Recommended Fuse (Amps):**  
10 | 6 | 5 | 5 | 3

**Regulation:**  
Line Volts: ±10%  
Lamp Watts: ±10%

**Temperature Ratings:**  
Insulation Class: 180 (H)  
Coil Temperature Code: A A A B C  
Benchtop Coil Rise: 63.7 69.0 70.9 75.7 83.7

**Power Factor (%):**  
90 90 90 90 90

**Input Watts:**  
443 W 443 W 443 W 443 W 443 W

**Efficiency:**  
90.3% 90.3% 90.3% 90.3% 90.3%

**NOM. Open Circuit Voltage:**  
250 250 250 250 250

**Input Voltage At Lamp Dropout:**  
80 135 150 170 295

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

**60 HZ TEST PROCEDURES:**

**High Potential Test (Volts):**
- 1 Minute: 2,000 V 2,000 V 2,000 V 2,000 V 2,000 V
- 1 Second: 2,400 V 2,400 V 2,400 V 2,400 V 2,400 V

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

**Short Circuit Current Test (A):**
- Secondary Current Min: 3.40 3.40 3.40 3.40 3.40
- Secondary Current Max: 4.20 4.20 4.20 4.20 4.20
- Input Current Min: 2.55 1.40 1.30 1.15 0.65
- Input Current Max: 3.85 2.05 1.90 1.70 1.00

**CORE and COIL Specifications:**
- Dimension (A): 1.92 in 1.92 in 1.92 in 1.92 in 1.92 in
- Dimension (B): 4.10 in 4.10 in 4.10 in 4.10 in 4.10 in
- Weight: 12.0 lb/s 12.0 lb/s 12.0 lb/s 12.0 lb/s 12.0 lb/s
- Lead Lengths: 12 " 12 " 12 " 12 " 12 "

**Capacitor Requirement:**
- Microfarads: 26.0 uf 26.0 uf 26.0 uf 26.0 uf 26.0 uf
- Volts (Min): 345 V 345 V 345 V 345 V 345 V

**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

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

* -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**

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