VENTURE LIGHTING

**BALLAST SPECIFICATION**

# 320W M132 / M154

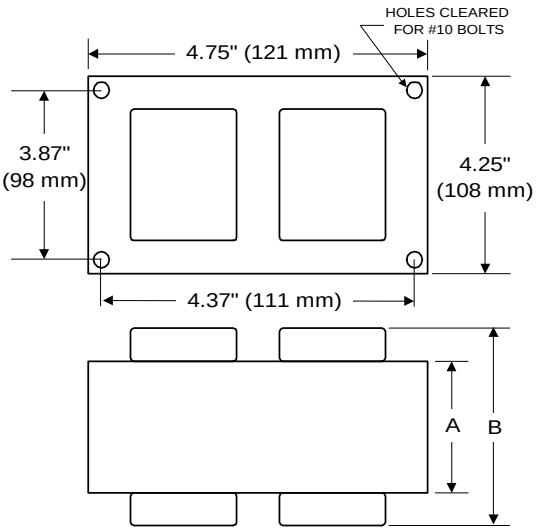
## Pulse Start Metal Halide

## V90J7413

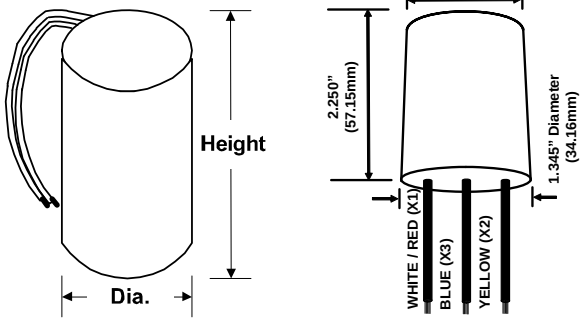
### 60 Hz CWA C&C

| Input Volts | 120 | 277 | 347 |
|---|---|---|---|
| Line Current ( Amps ) | | | |
| Operating | 3.05 | 1.40 | 1.10 |
| Open Circuit | 1.30 | 0.55 | 0.45 |
| Starting | 2.60 | 1.20 | 0.95 |
| Recommended Fuse (Amps) | 9 | 4 | 3 |
| Regulation | | | |
| Line Volts | ±10% | ±10% | ±10% |
| Lamp Watts | ±10% | ±10% | ±10% |
| Temperature Ratings | | | |
| Insulation Class | 180 (H) | 180 (H) | 180 (H) |
| Coil Temperature Code | B | C | C |
| Benchtop Coil Rise | 77.9 | 84.5 | 80.5 |
| Power Factor (Min) HPF | 90 | 90 | 90 |
| Input Watts | 365 W | 365 W | 365 W |
| Efficiency | 88% | 88% | 88% |
| NOM. Open Circuit Voltage | 240 | 240 | 240 |
| Input Voltage At Lamp Dropout | 85 | 190 | 240 |
| Min Ambient Starting Temp | -20°F/-30°C* | -20°F/-30°C* | -20°F/-30°C* |
| 60 HZ TEST PROCEDURES | | | |
| High Potential Test (Volts) | | | |
| 1 Minute | 1,700 V | 1,700 V | 1,700 V |
| 1 Second | 2,100 V | 2,100 V | 2,100 V |
| Open Circuit Voltage Test (V) | 210 - 270 | 210 - 270 | 210 - 270 |
| Short Circuit Current Test (A) | | | |
| Secondary Current Min | 3.10 | 3.10 | 3.10 |
| Secondary Current Max | 3.80 | 3.80 | 3.80 |
| Input Current Min | 2.10 | 0.95 | 0.75 |
| Input Current Max | 3.10 | 1.45 | 1.15 |
| CORE and COIL Specifications | | | |
| Dimension (A) | 1.92 in | 1.92 in | 1.92 in |
| Dimension (B) | 3.80 in | 3.80 in | 3.80 in |
| Weight | 10.5 lb's | 10.5 lb's | 10.5 lb's |
| Lead Lengths | 12 " | 12 " | 12 " |
| Capacitor Requirement | | | |
| Microfarads | 23.0 uf | 23.0 uf | 23.0 uf |
| Volts (Min) | 330 V | 330 V | 330 V |

4X4 CORE.WMF




| Capacitor: | ACG335 | Ignitor: | BVS-041 |
|---|---|---|---|
| Microfarads: | 23.0 uf | Case Temp (Max): | 105 °C |
| Volts (Max): | 330 V | BTL Distance (Max): | 2 ft |
| Case Temp (Max): | 100 °C | | |
| Height (Max): | 3.68 in | | |
| Dia (Max): | 1.61 in | | |




Dry Type Capacitor with Leads

Ordering Information Add Suffix for options

C - With Dry Capacitor

CB - With Dry Capacitor and Welded Bracket

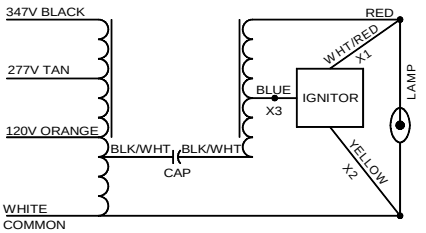
B - With Welded Bracket, no Capacitor

K - Prewired, with Dry Capacitor and Bracket Kit

* -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 representitive of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

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




RoHS

**2/16/2011** **Production** Coil material: primary Cu and secondary Al

32000 Aurora Road ▼ Solon,Ohio 44139 ▼ 800-451-2606 ▼ 440-248-3510 ▼ Fax 800-451-2605 ▼ Fax 440-349-7771 ▼ www.venturelighting.com