

# BALLAST SPECIFICATION

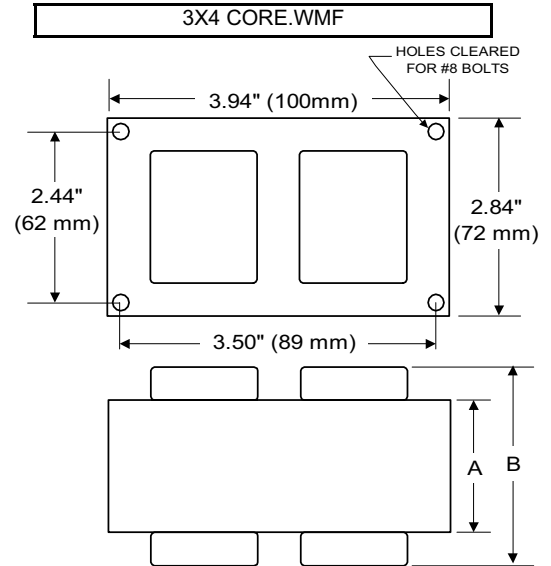
## 150W M102

### Pulse Start Metal Halide

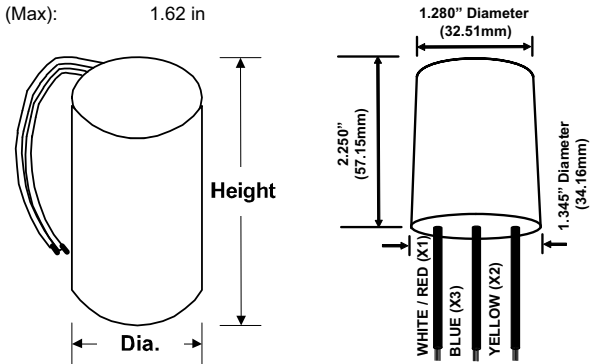
V90J7110

60 Hz CWA C&C

|                                |              |              |              |
|--------------------------------|--------------|--------------|--------------|
| Input Volts                    | 120          | 277          | 347          |
| Line Current (Amps)            |              |              |              |
| Operating                      | 1.65         | 0.70         | 0.55         |
| Open Circuit                   | 1.60         | 0.70         | 0.55         |
| Starting                       | 1.15         | 0.50         | 0.40         |
| Recommended Fuse (Amps)        | 4            | 2            | 2            |
| Regulation                     |              |              |              |
| Line Volts                     | ±10%         | ±10%         | ±10%         |
| Lamp Watts                     | ±6%          | ±6%          | ±6%          |
| Temperature Ratings            |              |              |              |
| Insulation Class               | 180 (H)      | 180 (H)      | 180 (H)      |
| Coil Temperature Code          | D            | C            | C            |
| Benchtop Coil Rise             | 86.4         | 82.4         | 81.7         |
| Power Factor (Min) HPF         | 90           | 90           | 90           |
| Input Watts                    | 192 W        | 192 W        | 192 W        |
| Efficiency                     | 78%          | 78%          | 78%          |
| NOM. Open Circuit Voltage      | 245          | 245          | 245          |
| Input Voltage At Lamp Dropout  | 55           | 125          | 145          |
| 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                       | 2,000 V      | 2,000 V      | 2,000 V      |
| 1 Second                       | 2,500 V      | 2,500 V      | 2,500 V      |
| Open Circuit Voltage Test (V)  | 220 - 270    | 220 - 270    | 220 - 270    |
| Short Circuit Current Test (A) |              |              |              |
| Secondary Current Min          | 2.10         | 2.10         | 2.10         |
| Max                            | 2.60         | 2.60         | 2.60         |
| Input Current Min              | 0.70         | 0.25         | 0.20         |
| Max                            | 1.25         | 0.50         | 0.40         |
| CORE and COIL Specifications   |              |              |              |
| Dimension (A)                  | 2.75 in      | 2.75 in      | 2.75 in      |
| Dimension (B)                  | 4.10 in      | 4.10 in      | 4.10 in      |
| Weight                         | 8.6 lb's     | 8.6 lb's     | 8.6 lb's     |
| Lead Lengths                   | 12 "         | 12 "         | 12 "         |
| Capacitor Requirement          |              |              |              |
| Microfarads                    | 16.0 uf      | 16.0 uf      | 16.0 uf      |
| Volts (Min)                    | 330 V        | 330 V        | 330 V        |



|                  |         |                     |         |
|------------------|---------|---------------------|---------|
| Capacitor:       | ACG301  | Ignitor:            | BVS-041 |
| Microfarads:     | 16.0 uf | Case Temp (Max):    | 105 °C  |
| Volts (Max):     | 330 V   | BTL Distance (Max): | 2 ft    |
| Case Temp (Max): | 100 °C  |                     |         |
| Height (Max):    | 2.76 in |                     |         |
| Dia (Max):       | 1.62 in |                     |         |

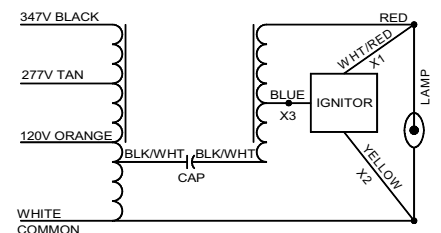


Dry Type Capacitor with Leads

### MEETS TEMPERATURE EXCLUSION OF PL 110-140

CAUS

RoHS



### 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 representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

1/11/2011

Production

Coil material: primary Cu and secondary Cu