

# 250W M138 / M153

**Pulse Start Metal Halide**

**V90J8410**

**60 Hz CWA**

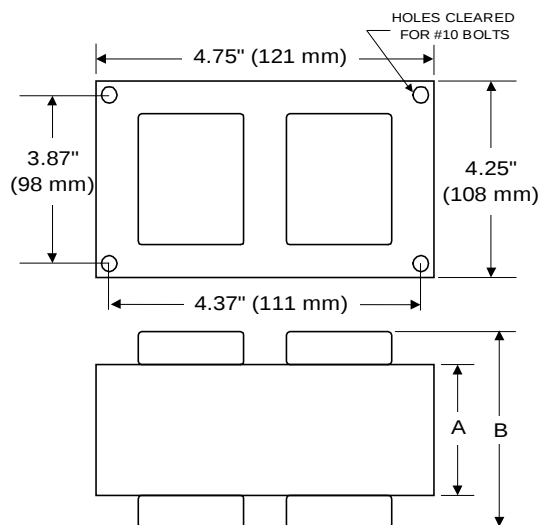
|                                |             |             |             |
|--------------------------------|-------------|-------------|-------------|
| Input Volts                    | 120         | 277         | 347         |
| Line Current ( Amps )          |             |             |             |
| Operating                      | 2.50        | 1.10        | 0.90        |
| Open Circuit                   | 1.80        | 0.80        | 0.65        |
| Starting                       | 1.40        | 0.60        | 0.50        |
| Regulation                     |             |             |             |
| Line Volts                     | ±10%        | ±10%        | ±10%        |
| Lamp Watts                     | ±10%        | ±10%        | ±10%        |
| UL Temperature Ratings         |             |             |             |
| Insulation Class               | H           | H           | H           |
| Coil Temperature Code          | B           | A           | B           |
| Benchtop Coil Rise             | 75.3        | 74.3        | 75.9        |
| Input Watts                    | 288 W       | 288 W       | 288 W       |
| NOM. Open Circuit Voltage      | 270         | 270         | 270         |
| Power Factor                   | 90%         | 90%         | 90%         |
| Current Crest Factor           | 1.60        | 1.60        | 1.60        |
| Input Voltage At Lamp Dropout  | 60          | 138         | 173         |
| MIN. Ambient Starting Temp.    | -40°F -40°C | -40°F -40°C | -40°F -40°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)  | 240 - 290   | 240 - 290   | 240 - 290   |
| Short Circuit Current Test (A) |             |             |             |
| Secondary Current              | Min         | 2.25        | 2.25        |
| Max                            | 2.75        | 2.75        | 2.75        |
| Input Current                  | Min         | 1.10        | 0.45        |
| Max                            | 1.70        | 0.75        | 0.60        |
| Recommended Fuse (Amps)        | 7           | 3           | 3           |
| CORE and COIL Specifications   |             |             |             |
| Dimension (A)                  | 1.55 in     | 1.55 in     | 1.55 in     |
| Dimension (B)                  | 3.50 in     | 3.50 in     | 3.50 in     |
| Weight (lbs.)                  | 10.0 lb's   | 10.0 lb's   | 10.0 lb's   |
| Lead Lengths                   | 12 "        | 12 "        | 12 "        |
| CAPACITOR Specifications       |             |             |             |
| Microfarads                    | 15.0 uf     | 15.0 uf     | 15.0 uf     |
| Volts (min.)                   | 400 V       | 400 V       | 400 V       |

Ordering Information    Add Suffix for options

- C - With Capacitor
- K - With Capacitor and Bracket Kit
- B - With Welded Bracket no cap

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

## 4X4 CORE - HX, CWA & CWI UNITS



**Capacitor: ACH277**

**Ignitor: BVS-041**

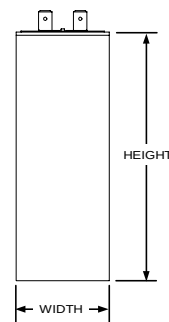
Temp Rating: 100 °C

Temp: 105 °C

Height:

BTL: 10 ft

Dia/Oval Dim 1.80 in



Dry Film Capacitor with Terminals

