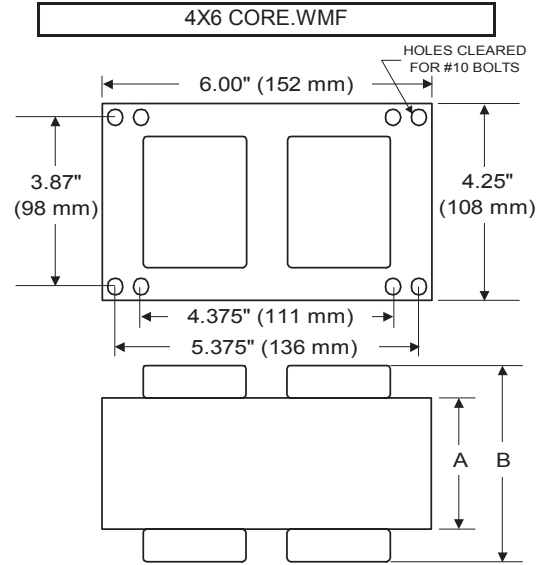




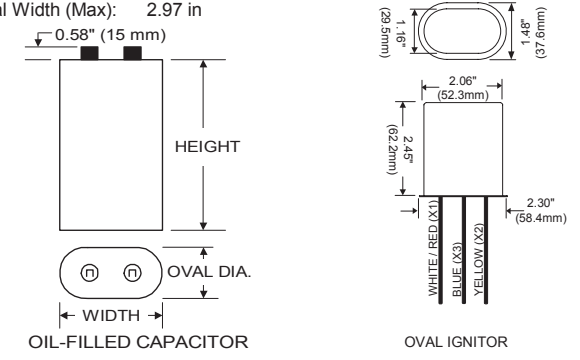
**BALLAST SPECIFICATION**

**1000W M141**  
**Pulse Start Metal Halide**  
**V90D7811**  
**60 Hz CWA**

<b>Input Volts</b>	120	208	240	277
<b>Line Current ( Amps )</b>				
Operating	8.95	5.55	4.55	3.95
Open Circuit	5.85	4.25	3.20	2.70
Starting	6.10	3.35	3.10	2.70
<b>Recommended Fuse (Amps)</b>	25	15	12	10
<b>Regulation</b>				
Line Volts	±10%	±10%	±10%	±10%
Lamp Watts	±10%	±10%	±10%	±10%
<b>Temperature Ratings</b>				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	D	D	C	D
Benchtop Coil Rise	89.8	89.6	84.6	86.3
<b>Power Factor (Min)</b>	90%	90%	90%	90%
<b>Input Watts</b>	1080 W	1080 W	1080 W	1080 W
<b>Efficiency</b>	93%	93%	93%	93%
<b>NOM. Open Circuit Voltage</b>	420	420	420	420
<b>Input Voltage At Lamp Dropout</b>	75	120	145	165
<b>Min Ambient Starting Temp</b>	-20°F/-30°C*	-20°F/-30°C*	-20°F/-30°C*	-20°F/-30°C*
<b>60 HZ TEST PROCEDURES</b>				
<b>High Potential Test (Volts)</b>				
1 Minute	1,850 V	1,850 V	1,850 V	1,850 V
1 Second	2,200 V	2,200 V	2,200 V	2,200 V
<b>Open Circuit Voltage Test (V)</b>	375 - 465	375 - 465	375 - 465	375 - 465
<b>Short Circuit Current Test (A)</b>				
Secondary Current	Min 4.75	4.75	4.75	4.75
Max 5.80	5.80	5.80	5.80	5.80
Input Current	Min 4.75	2.60	2.40	2.15
Max 7.10	3.90	3.60	3.25	
<b>CORE and COIL Specifications</b>				
Dimension (A)	2.80 in	2.80 in	2.80 in	2.80 in
Dimension (B)	4.95 in	4.95 in	4.95 in	4.95 in
Weight	18.5 lb's	18.5 lb's	18.5 lb's	18.5 lb's
Lead Lengths	12"	12"	12"	12"
<b>Capacitor Requirement</b>				
Microfarads	24.0 uf	24.0 uf	24.0 uf	24.0 uf
Volts (Min)	480 V	480 V	480 V	480 V



<b>Capacitor:</b> ACB2200V	<b>Ignitor:</b> BVS-020
Microfarads: 24.0 uf	Case Temp (Max): 105 °C
Volts (Max): 480 V	BTL Distance (Max): 10 ft
Case Temp (Max): 100 °C	
Height (Max): 4.03 in	
Dia (Max): 1.97 in	
Oval Width (Max): 2.97 in	



**Ordering Information Add Suffix for options**

- C - With Capacitor
- K - Prewired, with Capacitor and Bracket Kit
- B - With Welded Bracket, no cap
- CB - With Capacitor and Welded Bracket

\* -40°F/-40°C Min Ambient Starting Temp with Venture Lamp  
 Coil material: primary Cu and secondary Al

RoHS compliant on all manufactured products after August 1, 2007

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.

**6/4/2008 Production**

