



**BALLAST SPECIFICATION**

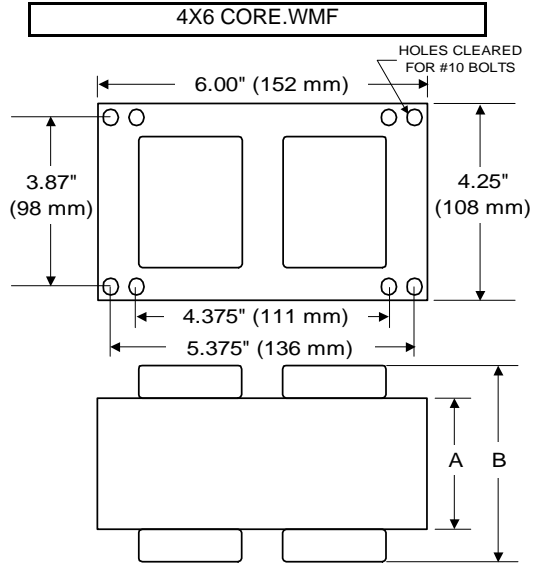
**1000W M47**

**Metal Halide**

**V90D6517**

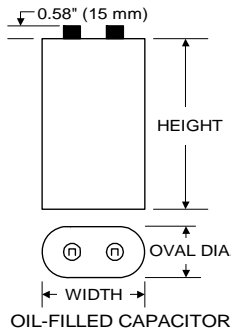
**60 Hz CWA C&C**

<b>Input Volts</b>	120	208	240	277
<b>Line Current ( Amps )</b>				
Operating	9.00	5.55	4.60	4.00
Open Circuit	5.35	3.95	2.95	2.50
Starting	6.30	3.50	3.25	2.85
<b>Recommended Fuse (Amps)</b>	22	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	C
Benchtop Coil Rise	89.4	89.9	82.4	84.9
<b>Power Factor (%) HPF</b>	90	90	90	90
<b>Input Watts</b>	1085 W	1085 W	1085 W	1085 W
<b>Efficiency</b>				
<b>NOM. Open Circuit Voltage</b>	420	420	420	420
<b>Input Voltage At Lamp Dropout</b>	75	120	140	160
<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	2,000 V	2,000 V	2,000 V	2,000 V
1 Second	2,500 V	2,500 V	2,500 V	2,500 V
<b>Open Circuit Voltage Test (V)</b>	375 - 460	375 - 460	375 - 460	375 - 460
<b>Short Circuit Current Test (A)</b>				
Secondary Current				
Min	4.80	4.80	4.80	4.80
Max	5.90	5.90	5.90	5.90
Input Current				
Min	5.05	2.80	2.60	2.25
Max	7.60	4.20	3.90	3.40
<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



Capacitor: ACB2200V      Ignitor: None

Microfarads: 24.0 uf  
 Volts (Max): 480 V  
 Case Temp (Max) 100 °C  
 Height (Max): 4.03 in  
 Dia (Max): 1.97 in  
 Oval Width (Max): 2.97 in



**This Ballast Does Not Require An Ignitor**

**Ordering Information**    Add Suffix for options  
 C - With Oil-Filled Capacitor  
 CB - With Oil-Filled Capacitor and Welded Bracket  
 B - With Welded Bracket, no Capacitor  
 K - Prewired, with Oil-Filled Capacitor and Bracket Kit

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.

**5/11/2018**    **Production**    Coil Material (PRI/SEC): Cu / Al



**RoHS**

