



**BALLAST SPECIFICATION**

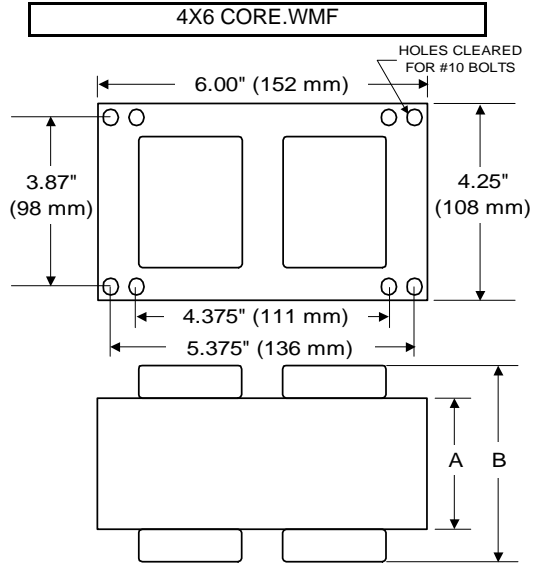
**1000W M47**

**Metal Halide**

**V90J6517**

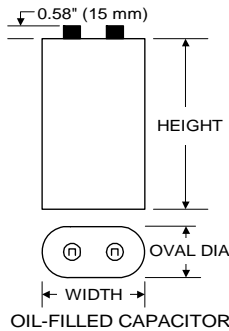
**60 Hz CWA C&C**

<b>Input Volts</b>	120	277	347
<b>Line Current ( Amps )</b>			
Operating	8.90	3.90	3.15
Open Circuit	4.95	2.30	1.80
Starting	6.60	2.85	2.25
<b>Recommended Fuse (Amps)</b>	25	10	8
<b>Regulation</b>			
Line Volts	±10%	±10%	±10%
Lamp Watts	±10%	±10%	±10%
<b>Temperature Ratings</b>			
Insulation Class	180 (H)	180 (H)	180 (H)
Coil Temperature Code	D	C	D
Benchtop Coil Rise	88.5	84.8	87.5
<b>Power Factor (%) HPF</b>	90	90	90
<b>Input Watts</b>	1075 W	1075 W	1075 W
<b>Efficiency</b>	93.0%	93.0%	93.0%
<b>NOM. Open Circuit Voltage</b>	410	410	410
<b>Input Voltage At Lamp Dropout</b>	80	180	230
<b>Min Ambient Starting Temp</b>	-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	1,900 V	1,900 V	1,900 V
1 Second	2,200 V	2,200 V	2,200 V
<b>Open Circuit Voltage Test (V)</b>	370 - 450	370 - 450	370 - 450
<b>Short Circuit Current Test (A)</b>			
Secondary Current			
Min	4.80	4.80	4.80
Max	5.90	5.90	5.90
Input Current			
Min	5.15	2.25	1.80
Max	7.75	3.40	2.70
<b>CORE and COIL Specifications</b>			
Dimension (A)	2.80 in	2.80 in	2.80 in
Dimension (B)	4.90 in	4.90 in	4.90 in
Weight	18.5 lb's	18.5 lb's	18.5 lb's
Lead Lengths	12 "	12 "	12 "
<b>Capacitor Requirement</b>			
Microfarads	24.0 uf	24.0 uf	24.0 uf
Volts (Min)	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**

