



**BALLAST SPECIFICATION**

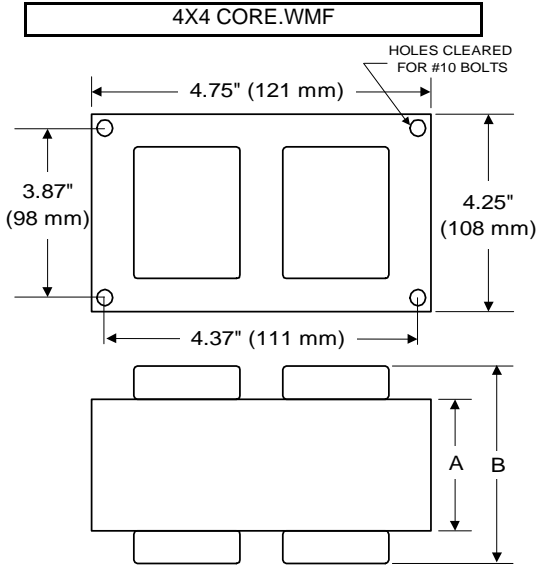
**250W M58**

**Metal Halide**

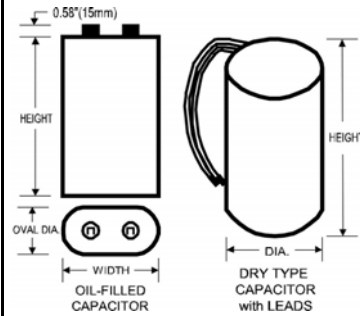
**V90D6215**

**60 Hz CWA C&C**

<b>Input Volts</b>	120	208	240	277
<b>Line Current ( Amps )</b>				
Operating	2.60	1.50	1.30	1.15
Open Circuit	2.50	1.45	1.30	1.10
Starting	1.85	1.10	0.90	0.80
<b>Recommended Fuse (Amps)</b>	7	4	4	3
<b>Regulation</b>				
Line Volts	±10%	±10%	±10%	±10%
Lamp Watts	±8%	±8%	±8%	±8%
<b>Temperature Ratings</b>				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	A	A	A	A
Benchtop Coil Rise	69.9	74.1	73.0	72.7
<b>Power Factor (%)</b> HPF	90	90	90	90
<b>Input Watts</b>	290 W	290 W	290 W	290 W
<b>Efficiency</b>				
<b>NOM. Open Circuit Voltage</b>	305	305	305	305
<b>Input Voltage At Lamp Dropout</b>	45	70	85	95
<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	1,650 V	1,650 V	1,650 V	1,650 V
1 Second	2,000 V	2,000 V	2,000 V	2,000 V
<b>Open Circuit Voltage Test (V)</b>	275 - 340	275 - 340	275 - 340	275 - 340
<b>Short Circuit Current Test (A)</b>				
Secondary Current    Min	2.20	2.20	2.20	2.20
Secondary Current    Max	2.70	2.70	2.70	2.70
Input Current        Min	1.30	0.80	0.70	0.60
Input Current        Max	2.05	1.25	1.05	0.95
<b>CORE and COIL Specifications</b>				
Dimension (A)	1.46 in	1.46 in	1.46 in	1.46 in
Dimension (B)	3.30 in	3.30 in	3.30 in	3.30 in
Weight	8.3 lb's	8.3 lb's	8.3 lb's	8.3 lb's
Lead Lengths	12 "	12 "	12 "	12 "
<b>Capacitor Requirement</b>				
Microfarads	15.0 uf	15.0 uf	15.0 uf	15.0 uf
Volts (Min)	400 V	400 V	400 V	400 V



<b>Capacitor:</b>	ACB2770V / ACG277	<b>Ignitor:</b>	None
<b>Microfarads:</b>	15.0 uf	15.0 uf	
<b>Volts (Max):</b>	400 V	400 V	
<b>Case Temp (Max)</b>	100 °C	100 °C	
<b>Height (Max):</b>	3.19 in	3.68 in	
<b>Dia (Max):</b>	1.97 in	1.80 in	
<b>Oval Width (Max):</b>	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 Dry Capacitor and Bracket Kit  
 D - With Dry Capacitor  
 DB - With Dry Capacitor and Welded Bracket

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**

