



**BALLAST SPECIFICATION**

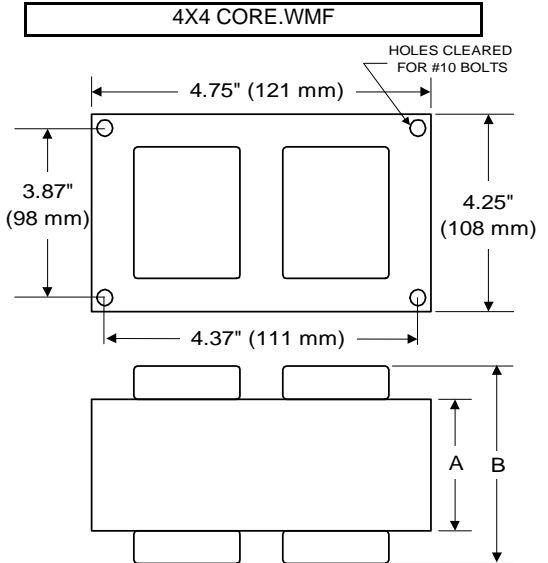
**400W M59**

**Metal Halide**

**V90E6450**

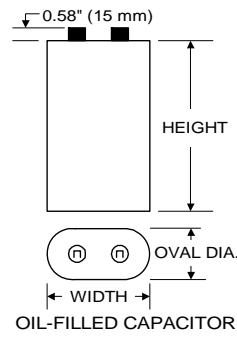
**60 Hz CWI C&C**

Input Volts	120	240
Line Current ( Amps )		
Operating	4.05	2.05
Open Circuit		1.60
Starting		0.78
Recommended Fuse (Amps)	11	6
Regulation		
Line Volts	±10%	±10%
Lamp Watts	±7.5%	±7.5%
Temperature Ratings		
Insulation Class	180 (H)	180 (H)
Coil Temperature Code	B	B
Benchtop Coil Rise		
Power Factor (%) HPF	90	90
Input Watts	475 W	475 W
Efficiency		
NOM. Open Circuit Voltage	295	295
Input Voltage At Lamp Dropout		124
Min Ambient Starting Temp	-20°F/-30°C	-20°F/-30°C
<b>60 HZ TEST PROCEDURES</b>		
High Potential Test (Volts)		
1 Minute	2,000 V	2,000 V
1 Second	2,500 V	2,500 V
Open Circuit Voltage Test (V)	265 - 325	265 - 325
Short Circuit Current Test (A)		
Secondary Current	Min .00	Min .00
	Max .00	Max .00
Input Current	Min 0.70	Min 0.35
	Max 1.10	Max 0.55
<b>CORE and COIL Specifications</b>		
Dimension (A)	3.50 in	3.50 in
Dimension (B)	5.50 in	5.50 in
Weight	21.0 lb's	21.0 lb's
Lead Lengths	12 "	12 "
<b>Capacitor Requirement</b>		
Microfarads	19.5 uf	19.5 uf
Volts (Min)	520 V	520 V



Capacitor: ACB2280V Ignitor: None

Microfarads: 19.5 uf  
 Volts (Max): 520 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 / Cu



**RoHS**

