

BALLAST SPECIFICATION

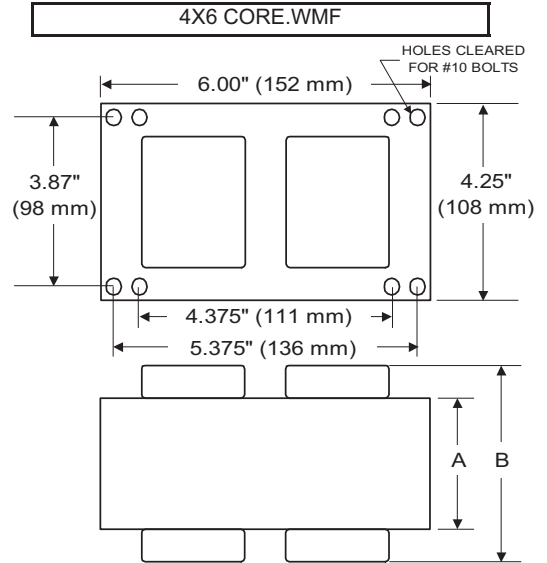
1000W M47

Metal Halide

V90AM6514

60 Hz CWA C&C

Input Volts	120	208	240	277	480
Line Current (Amps)					
Operating	9.40	5.45	4.60	4.05	2.40
Open Circuit	4.90	3.40	2.45	2.10	1.20
Starting	7.00	3.80	3.50	3.05	1.75
Recommended Fuse (Amps)	25	15	12	10	6
Regulation					
Line Volts	±10%	±10%	±10%	±10%	±10%
Lamp Watts	±11%	±11%	±11%	±11%	±11%
Temperature Ratings					
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	E	E	D	D	D
Benchtop Coil Rise	94.6	92.4	87.5	87.0	89.8
Power Factor (%) HPF	90	90	90	90	90
Input Watts	1080 W	1080 W	1080 W	1080 W	1080 W
Efficiency	93.0%	93.0%	93.0%	93.0%	93.0%
NOM. Open Circuit Voltage	425	425	425	425	425
Input Voltage At Lamp Dropout	80	140	160	185	320
Min Ambient Starting Temp	-20°F/-30°C	-20°F/-30°C	-20°F/-30°C	-20°F/-30°C	-20°F/-30°C
60 HZ TEST PROCEDURES					
High Potential Test (Volts)					
1 Minute	2,000 V	2,000 V	2,000 V	2,000 V	2,000 V
1 Second	2,400 V	2,400 V	2,400 V	2,400 V	2,400 V
Open Circuit Voltage Test (V)	380 - 470	380 - 470	380 - 470	380 - 470	380 - 470
Short Circuit Current Test (A)					
Secondary Current					
Min	5.05	5.05	5.05	5.05	5.05
Max	6.20	6.20	6.20	6.20	6.20
Input Current					
Min	5.45	3.00	2.75	2.40	1.35
Max	8.20	4.50	4.15	3.60	2.05
CORE and COIL Specifications					
Dimension (A)	3.00 in	3.00 in	3.00 in	3.00 in	3.00 in
Dimension (B)	5.15 in	5.15 in	5.15 in	5.15 in	5.15 in
Weight	19.0 lb's	19.0 lb's	19.0 lb's	19.0 lb's	19.0 lb's
Lead Lengths	12 "	12 "	12 "	12 "	12 "
Capacitor Requirement					
Microfarads	24.0 uf	24.0 uf	24.0 uf	24.0 uf	24.0 uf
Volts (Min)	480 V	480 V	480 V	480 V	480 V



Capacitor: ACB2200V	Ignitor: None
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Microfarads: 24.0 uf

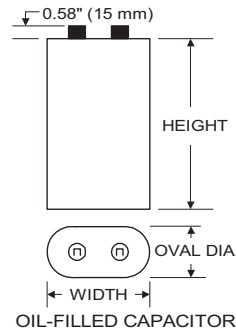
Volts (Max): 480 V

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.

3/8/2013

Production

Coil material: primary Cu and secondary Al

