



BALLAST SPECIFICATION

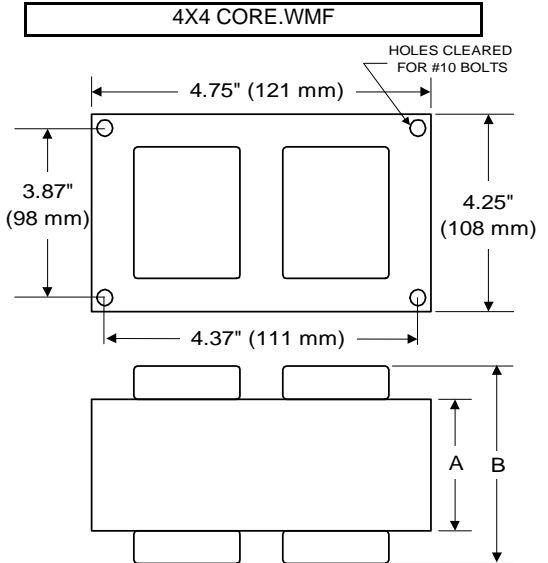
1000W M47

Metal Halide

V90D6516

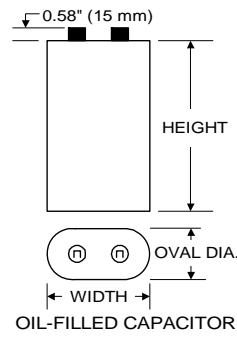
60 Hz CWA C&C

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	8.80	5.00	4.60	3.90
Open Circuit	6.70	3.60	3.70	3.10
Starting	5.50	3.20	2.80	2.40
Recommended Fuse (Amps)	22	13	12	10
Regulation				
Line Volts	±10%	±10%	±10%	±10%
Lamp Watts	±10%	±10%	±10%	±10%
Temperature Ratings				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	D	A	B	C
Benchtop Coil Rise	89.4	74.0	79.9	82.0
Power Factor (%) HPF	90	90	90	90
Input Watts	1085 W	1085 W	1085 W	1085 W
Efficiency				
NOM. Open Circuit Voltage	420	420	420	420
Input Voltage At Lamp Dropout	60	110	130	140
Min Ambient Starting Temp	-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	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
Open Circuit Voltage Test (V)	375 - 465	375 - 465	375 - 465	375 - 465
Short Circuit Current Test (A)				
Secondary Current Min	4.65	4.65	4.65	4.65
Max	5.70	5.70	5.70	5.70
Input Current Min	4.15	2.50	2.10	1.85
Max	6.25	3.85	3.25	2.85
CORE and COIL Specifications				
Dimension (A)	3.25 in	3.25 in	3.25 in	3.25 in
Dimension (B)	5.45 in	5.45 in	5.45 in	5.45 in
Weight	18.5 lb's	18.5 lb's	18.5 lb's	18.5 lb's
Lead Lengths	12 "	12 "	12 "	12 "
Capacitor Requirement				
Microfarads	24.0 uf	24.0 uf	24.0 uf	24.0 uf
Volts (Min)	450 V	450 V	450 V	450 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 / Cu



RoHS

