BALLAST SPECIFICATION

250W M58

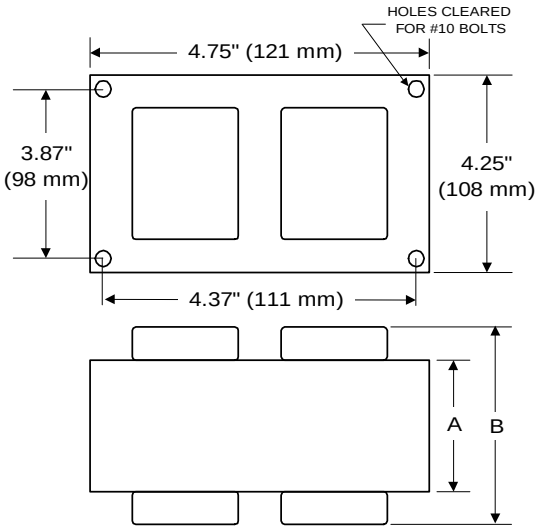
Metal Halide

V90D6215

60 Hz CWA

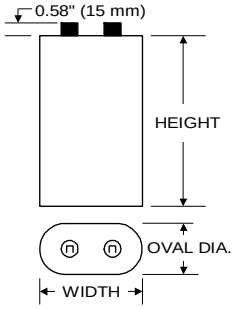
Input Volts	120	208	240	277
Line Current (Amps)				
Operating	2.60	1.50	1.30	1.15
Open Circuit	2.50	1.45	1.30	1.10
Starting	1.85	1.10	0.90	0.80
Recommended Fuse (Amps)	7	4	4	3
Regulation				
Line Volts	±10%	±10%	±10%	±10%
Lamp Watts	±8%	±8%	±8%	±8%
Temperature Ratings				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	A	A	A	A
Benchtop Coil Rise	69.9	74.1	73.0	72.7
Power Factor (Min)	90%	90%	90%	90%
Input Watts	290 W	290 W	290 W	290 W
Efficiency				
NOM. Open Circuit Voltage	305	305	305	305
Input Voltage At Lamp Dropout	45	70	85	95
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)	275 - 340	275 - 340	275 - 340	275 - 340
Short Circuit Current Test (A)				
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
CORE and COIL Specifications				
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 "
Capacitor Requirement				
Microfarads	15.0 uf	15.0 uf	15.0 uf	15.0 uf
Volts (Min)	400 V	400 V	400 V	400 V

4X4 CORE - HX, CWA CWI UNITS



Capacitor:	ACB277OV / ACG277	
Microfarads:	15.0 uf	15.0 uf
Volts (Max):	400 V	400 V
Case Temp (Max):	100 °C	100 °C
Height (Max):	2.75 in	3.68 in
Dia (Max):	1.97 in	1.80 in
Oval Width (Max):	2.97 in	

Ignitor: None



OIL-FILLED CAPACITOR

This Ballast Does Not Require An Ignitor

Ordering Information Add Suffix for options

C - With Capacitor

D - With Alt Dry Type Capacitor

K - Prewired, with Capacitor and Bracket Kit

B - With Welded Bracket, no cap

CB - With Capacitor and Welded Bracket

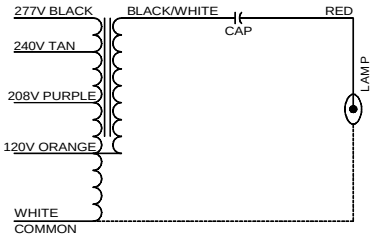
DB - With Alt Dry Type Capacitor and Welded Bracket

Coil material: primary Cu and secondary Al

RoHS compliant on all manufactured products after August 1, 2007

Data is based upon tests performed by Venture Lighting in a controlled environment and is representitive of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

RoHS



9/10/2008 Production

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