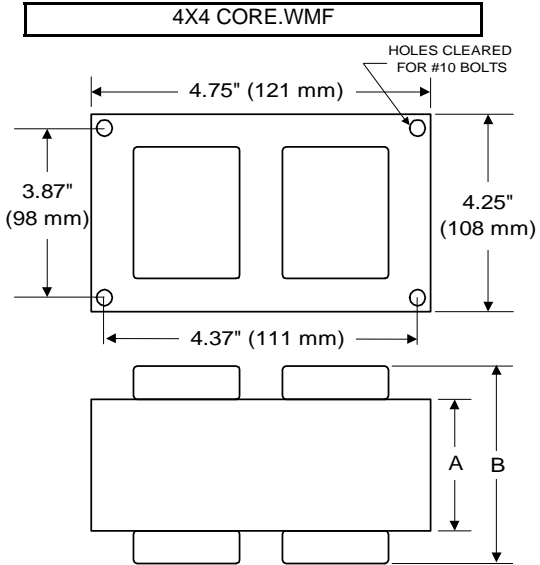


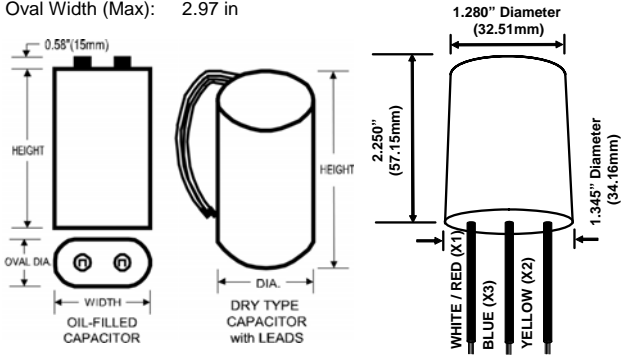
BALLAST SPECIFICATION

250W M138 / M153
Pulse Start Metal Halide
V90J8410
60 Hz CWA

Input Volts	120	277	347
Line Current (Amps)			
Operating	2.50	1.10	0.90
Open Circuit	1.80	0.80	0.65
Starting	1.40	0.60	0.50
Recommended Fuse (Amps)	7	3	3
Regulation			
Line Volts	±10%	±10%	±10%
Lamp Watts	±10%	±10%	±10%
Temperature Ratings			
Insulation Class	180 (H)	180 (H)	180 (H)
Coil Temperature Code	B	A	B
Benchtop Coil Rise	75.3	74.3	75.9
Power Factor (Min)	90%	90%	90%
Input Watts	288 W	288 W	288 W
Efficiency	87%	87%	87%
NOM. Open Circuit Voltage	270	270	270
Input Voltage At Lamp Dropout	60	138	173
Min Ambient Starting Temp	-20°F/-30°C*	-20°F/-30°C*	-20°F/-30°C*
60 HZ TEST PROCEDURES			
High Potential Test (Volts)			
1 Minute	1,700 V	1,700 V	1,700 V
1 Second	2,100 V	2,100 V	2,100 V
Open Circuit Voltage Test (V)	240 - 290	240 - 290	240 - 290
Short Circuit Current Test (A)			
Secondary Current	Min 2.25	2.25	2.25
Max 2.75	2.75	2.75	2.75
Input Current	Min 1.10	0.45	0.35
Max 1.70	1.70	0.75	0.60
CORE and COIL Specifications			
Dimension (A)	1.55 in	1.55 in	1.55 in
Dimension (B)	3.50 in	3.50 in	3.50 in
Weight	10.0 lb's	10.0 lb's	10.0 lb's
Lead Lengths	12"	12"	12"
Capacitor Requirement			
Microfarads	15.0 uf	15.0 uf	15.0 uf
Volts (Min)	400 V	400 V	400 V



Capacitor: ACB2770V / ACG277	Ignitor: BVS-041
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	
Case Temp (Max): 105 °C	
BTL Distance (Max): 2 ft	



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

* -40°F/-40°C Min Ambient Starting Temp with Venture Lamp
 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 representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

9/3/2008 **Production** Coil material: primary Cu and secondary Cu

