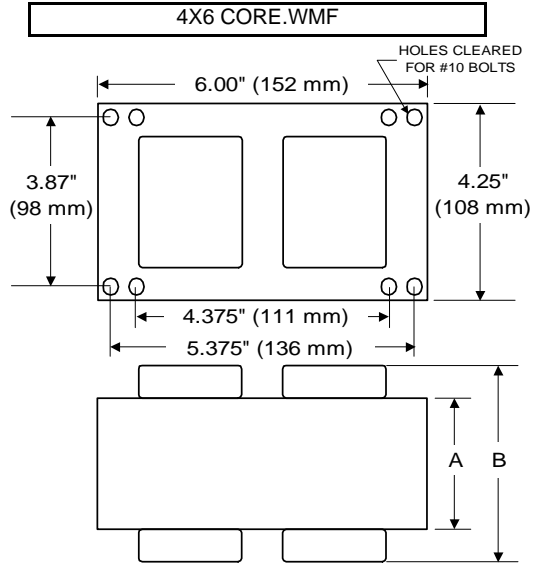




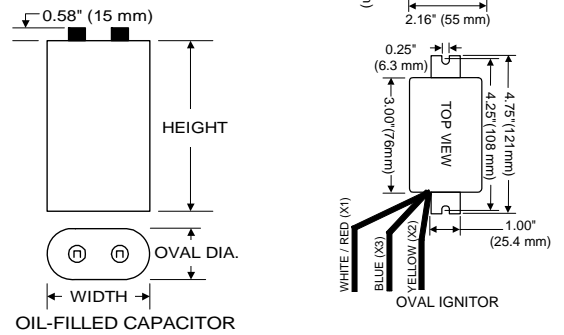
BALLAST SPECIFICATION

750W M149
Pulse Start Metal Halide
V90D7910
60 Hz CWA C&C

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	6.80	4.00	3.40	3.00
Open Circuit	4.60	2.60	2.30	2.00
Starting	4.80	2.80	2.40	2.10
Recommended Fuse (Amps)	17	10	9	8
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	B	C	B	B
Benchtop Coil Rise	75.9	81.6	75.9	78.2
Power Factor (%) HPF	90	90	90	90
Input Watts	820 W	820 W	820 W	820 W
Efficiency	91.0%	91.0%	91.0%	91.0%
NOM. Open Circuit Voltage	370	370	370	370
Input Voltage At Lamp Dropout	60	105	120	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	2,000 V	2,000 V	2,000 V	2,000 V
1 Second	2,500 V	2,500 V	2,500 V	2,500 V
Open Circuit Voltage Test (V)	335 - 405	335 - 405	335 - 405	335 - 405
Short Circuit Current Test (A)				
Secondary Current	Min 4.30 Max 5.30	Min 4.30 Max 5.30	Min 4.30 Max 5.30	Min 4.30 Max 5.30
Input Current	Min 3.70 Max 5.50	Min 2.00 Max 3.10	Min 1.85 Max 2.75	Min 1.60 Max 2.40
CORE and COIL Specifications				
Dimension (A)	2.30 in	2.30 in	2.30 in	2.30 in
Dimension (B)	4.30 in	4.30 in	4.30 in	4.30 in
Weight	18.0 lb's	18.0 lb's	18.0 lb's	18.0 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)	480 V	480 V	480 V	480 V



Capacitor:	ACB2200V	Ignitor:	BVS-042
Microfarads:	24.0 uf	Case Temp (Max):	105 °C
Volts (Max):	480 V	BTL Distance (Max)	2 ft
Case Temp (Max)	100 °C		
Height (Max):	4.03 in		
Dia (Max):	1.97 in		
Oval Width (Max):	2.97 in		



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

* -40°F/-40°C Min Ambient Starting Temp with Venture Lamp

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.

5/10/2018 **Production** Coil Material (PRI/SEC): Cu / Cu

Complies with the Energy Independence and Security Act of 2007 and California Title 20 Appliance Efficiency Regulations

