

BALLAST SPECIFICATION

750W M149

Pulse Start Metal Halide

V90D7910

60 Hz CWA

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 (Min)	90%	90%	90%	90%
Input Watts	815 W	815 W	815 W	815 W
Efficiency				
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	4.30	4.30	4.30
Max	5.30	5.30	5.30	5.30
Input Current Min	3.70	2.00	1.85	1.60
Max	5.50	3.10	2.75	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

Ordering Information Add Suffix for options

C - With Capacitor

K - Prewired, with Capacitor and Bracket Kit

B - With Welded Bracket, no cap

CB - With Capacitor and Welded Bracket

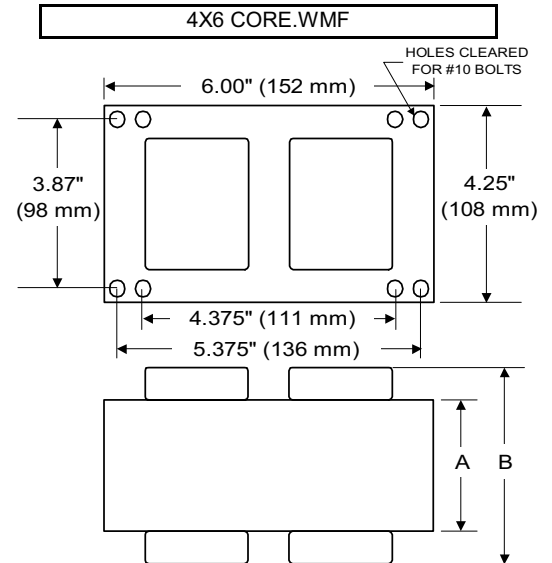
* -40°F/-40°C Min Ambient Starting Temp with Venture Lamp

Coil material: primary Cu and secondary Cu

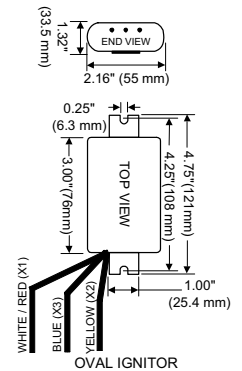
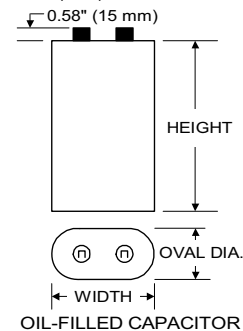
RoHS compliant on all manufactured products after August 1, 2007

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.

8/30/2007 Production



Capacitor:	ACB220OV	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		



RoHS

