

BALLAST SPECIFICATION

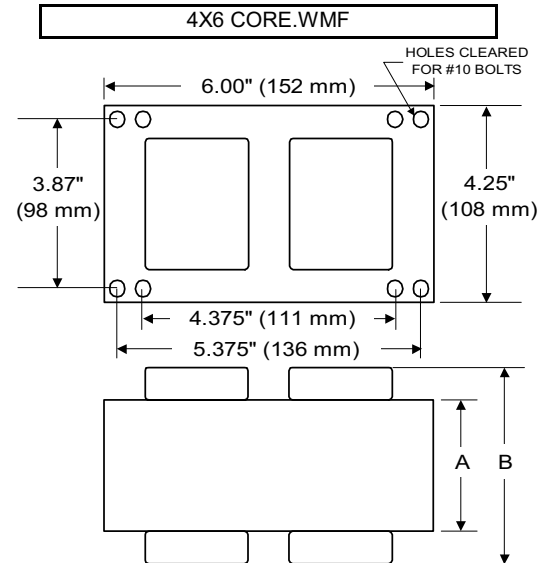
750W M149

Pulse Start Metal Halide

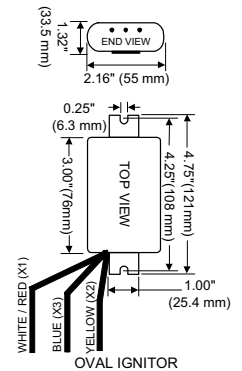
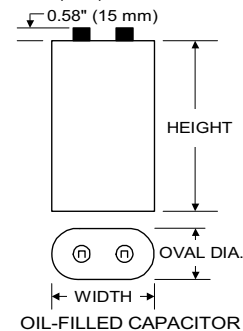
V90J7910

60 Hz CWA

Input Volts	120	277	347
Line Current (Amps)			
Operating	6.80	3.00	2.40
Open Circuit	4.40	2.30	1.70
Starting	4.80	2.10	1.70
Recommended Fuse (Amps)	17	8	6
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	D	D
Benchtop Coil Rise	78.0	86.4	85.4
Power Factor (Min)	90%	90%	90%
Input Watts	820 W	820 W	820 W
Efficiency			
NOM. Open Circuit Voltage	370	370	370
Input Voltage At Lamp Dropout	60	140	170
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	2,000 V	2,000 V	2,000 V
1 Second	2,500 V	2,500 V	2,500 V
Open Circuit Voltage Test (V)	335 - 405	335 - 405	335 - 405
Short Circuit Current Test (A)			
Secondary Current	Min 4.40	4.40	4.40
Max 5.40	5.40	5.40	5.40
Input Current	Min 3.70	1.60	1.30
Max 5.50	5.50	2.40	1.95
CORE and COIL Specifications			
Dimension (A)	2.30 in	2.30 in	2.30 in
Dimension (B)	4.30 in	4.30 in	4.30 in
Weight	18.0 lb's	18.0 lb's	18.0 lb's
Lead Lengths	12 "	12 "	12 "
Capacitor Requirement			
Microfarads	24.0 uf	24.0 uf	24.0 uf
Volts (Min)	480 V	480 V	480 V



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		



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.

3/22/01

Production

RoHS

