

BALLAST SPECIFICATION

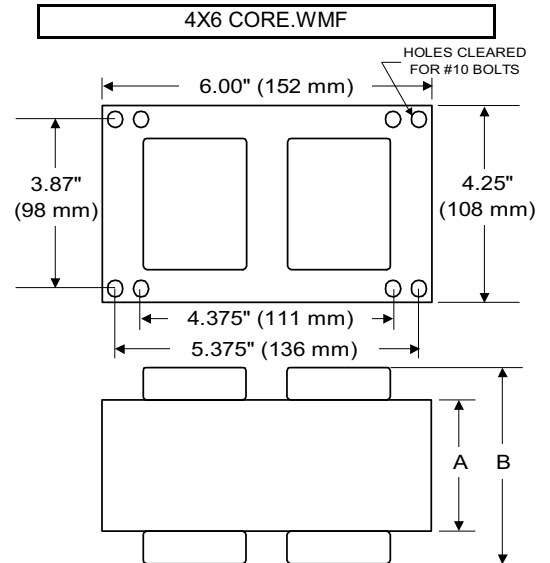
875W M166

Pulse Start Metal Halide

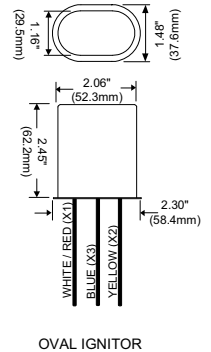
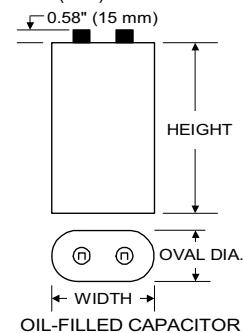
V90Y8611T

60 Hz CWA

Input Volts	480
Line Current (Amps)	
Operating	2.00
Open Circuit	1.60
Starting	1.30
Recommended Fuse (Amps)	5
Regulation	
Line Volts	±10%
Lamp Watts	±10%
Temperature Ratings	
Insulation Class	180 (H)
Coil Temperature Code	C
Benchtop Coil Rise	81.5
Power Factor (Min)	90%
Input Watts	950 W
Efficiency	92%
NOM. Open Circuit Voltage	420
Input Voltage At Lamp Dropout	250
Min Ambient Starting Temp	-20°F/-30°C*
60 HZ TEST PROCEDURES	
High Potential Test (Volts)	
1 Minute	2,000 V
1 Second	2,400 V
Open Circuit Voltage Test (V)	380 - 460
Short Circuit Current Test (A)	
Secondary Current	Min 4.30
	Max 5.30
Input Current	Min 1.00
	Max 1.50
CORE and COIL Specifications	
Dimension (A)	2.82 in
Dimension (B)	4.85 in
Weight	21.0 lb's
Lead Lengths	12 "
Capacitor Requirement	
Microfarads	22.0 uf
Volts (Min)	460 V



Capacitor:	ACB327OV	Ignitor:	BVS-020
Microfarads:	22.0 uf	Case Temp (Max):	105 °C
Volts (Max):	525 V	BTL Distance (Max):	5 ft
Case Temp (Max):	100 °C		
Height (Max):	3.94 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.

4/6/2009

Production

