



BALLAST SPECIFICATION

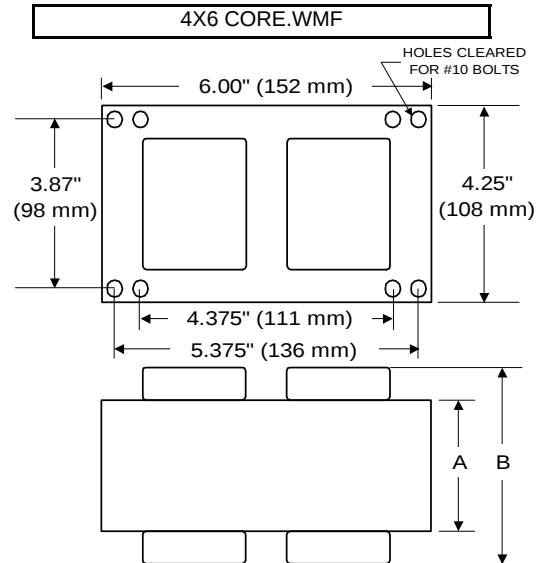
1000W S52

High Pressure Sodium

V90D2315

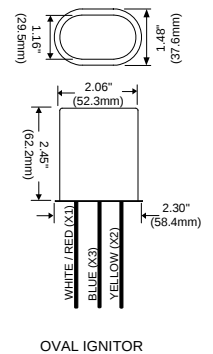
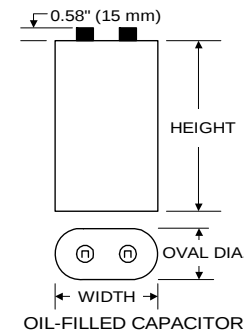
60 Hz CWA C&C

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	9.25	5.10	4.70	4.05
Open Circuit	5.75	2.95	3.15	2.60
Starting	5.75	3.50	2.85	2.50
Recommended Fuse (Amps)	25	15	12	10
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	C	C	C	C
Benchtop Coil Rise	82.3	80.7	84.9	84.9
Power Factor (%) HPF	90	90	90	90
Input Watts	1065 W	1065 W	1065 W	1065 W
Efficiency				
NOM. Open Circuit Voltage	415	415	415	415
Input Voltage At Lamp Dropout	90	160	170	205
Min Ambient Starting Temp	-40°F/-40°C	-40°F/-40°C	-40°F/-40°C	-40°F/-40°C
60 HZ TEST PROCEDURES				
High Potential Test (Volts)				
1 Minute	1,850 V	1,850 V	1,850 V	1,850 V
1 Second	2,200 V	2,200 V	2,200 V	2,200 V
Open Circuit Voltage Test (V)	375 - 455	375 - 455	375 - 455	375 - 455
Short Circuit Current Test (A)				
Secondary Current	Min 5.95	5.95	5.95	5.95
Max 7.25	7.25	7.25	7.25	7.25
Input Current	Min 3.90	2.45	1.95	1.75
Max 5.90	3.75	2.95	2.65	
CORE and COIL Specifications				
Dimension (A)	3.80 in	3.80 in	3.80 in	3.80 in
Dimension (B)	5.90 in	5.90 in	5.90 in	5.90 in
Weight	25.5 lb's	25.5 lb's	25.5 lb's	25.5 lb's
Lead Lengths	12"	12"	12"	12"
Capacitor Requirement				
Microfarads	26.0 uf	26.0 uf	26.0 uf	26.0 uf
Volts (Min)	480 V	480 V	480 V	480 V



Capacitor:	ACB2640V	Ignitor:	BVS-020
Microfarads:	26.0 uf	Case Temp (Max):	105 °C
Volts (Max):	525 V	BTL Distance (Max)	5 ft

Case Temp (Max) 100 °C
Height (Max): 4.31 in
Dia (Max): 1.97 in
Oval Width (Max): 2.97 in



Ordering Information Add Suffix for options

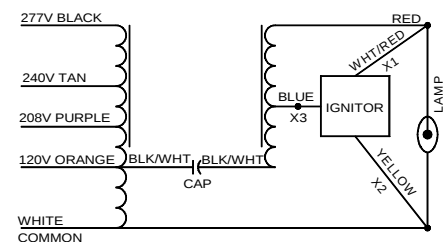
- C - With Oil-Filled Capacitor
- CB - With Oil-Filled Capacitor and Welded Bracket
- B - With Welded Bracket, no Capacitor
- K - Prewired, with Oil-Filled Capacitor and Bracket Kit

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.

10/23/2007

Production

Coil material: primary Al and secondary Cu



RoHS