

BALLAST SPECIFICATION

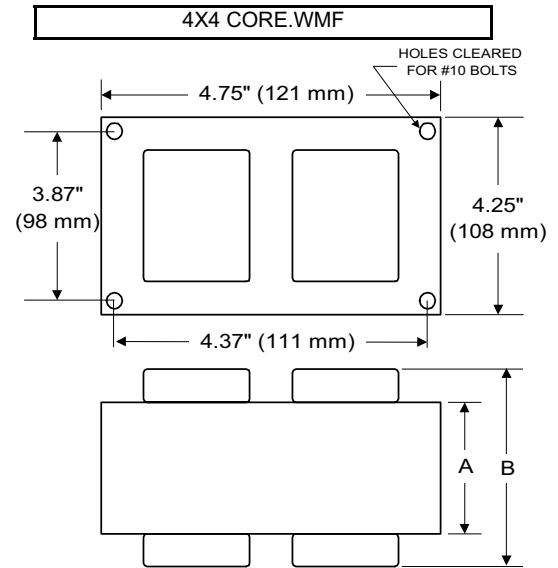
400W S51

High Pressure Sodium

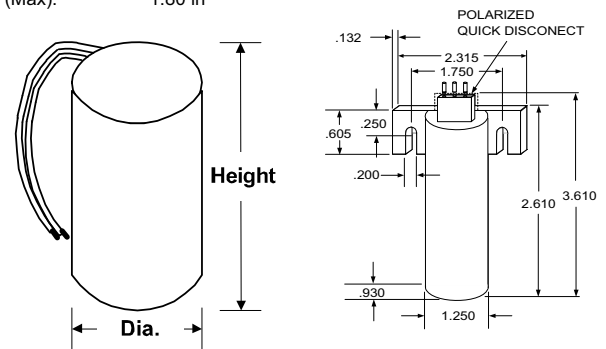
V90E1950

60 Hz CWI C&C

Input Volts	120	240
Line Current (Amps)		
Operating	4.05	2.03
Open Circuit	1.50	0.75
Starting	1.30	0.65
Recommended Fuse (Amps)	11	6
Regulation		
Line Volts	±10%	±10%
Lamp Watts	±6%	±6%
Temperature Ratings		
Insulation Class	180 (H)	180 (H)
Coil Temperature Code	F	F
Benchtop Coil Rise		
Power Factor (Min) HPF	90	90
Input Watts	470 W	470 W
Efficiency		
NOM. Open Circuit Voltage	190	190
Input Voltage At Lamp Dropout	90	180
Min Ambient Starting Temp	-40°F/-40°C	-40°F/-40°C
60 HZ TEST PROCEDURES		
High Potential Test (Volts)		
1 Minute	1,500 V	1,500 V
1 Second	1,800 V	1,800 V
Open Circuit Voltage Test (V)	170 - 210	170 - 210
Short Circuit Current Test (A)		
Secondary Current		
Min	5.50	5.50
Max	6.70	6.70
Input Current		
Min	1.00	0.50
Max	1.60	0.80
CORE and COIL Specifications		
Dimension (A)	2.45 in	2.45 in
Dimension (B)	4.30 in	4.30 in
Weight	14.6 lb's	14.6 lb's
Lead Lengths	12 "	12 "
Capacitor Requirement		
Microfarads	45.0 uf	45.0 uf
Volts (Min)	330 V	330 V



Capacitor:	ACG222	Ignitor:	BVS-005
Microfarads:	45.0 uf	Case Temp (Max):	105 °C
Volts (Max):	330 V	BTL Distance (Max):	2 ft
Case Temp (Max):	100 °C		
Height (Max):	4.67 in		
Dia (Max):	1.80 in		



Dry Type Capacitor with Leads

Ordering Information Add Suffix for options

- C - With Dry Capacitor
- CB - With Dry Capacitor and Welded Bracket
- B - With Welded Bracket, no Capacitor
- K - Prewired, with Dry 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.

1/20/2011

Production

Coil material: primary Cu and secondary Cu



RoHS

