

BALLAST SPECIFICATION

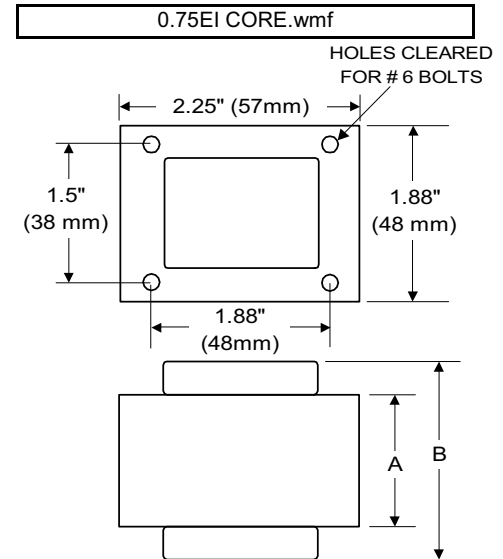
50W S68

High Pressure Sodium

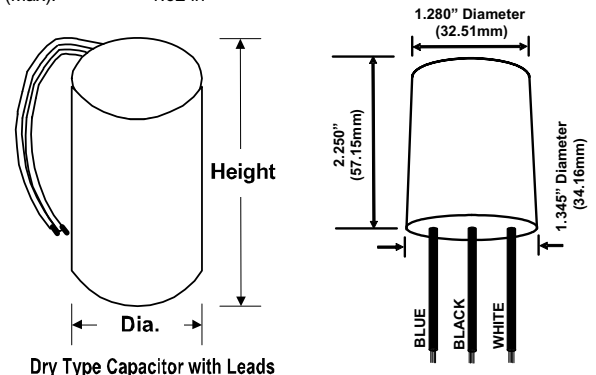
V90B1120-HPF

60 Hz Reactor-HPF

Input Volts	120
Line Current (Amps)	
Operating	0.55
Open Circuit	0.85
Starting	0.75
Recommended Fuse (Amps)	2
Regulation	
Line Volts	±5%
Lamp Watts	±12%
Temperature Ratings	
Insulation Class	180 (H)
Coil Temperature Code	A
Benchtop Coil Rise	
Power Factor (Min)	90%
Input Watts	65 W
Efficiency	
NOM. Open Circuit Voltage	120
Input Voltage At Lamp Dropout	95
Min Ambient Starting Temp	-40°F/-40°C
60 HZ TEST PROCEDURES	
High Potential Test (Volts)	
1 Minute	2,000 V
1 Second	2,500 V
Open Circuit Voltage Test (V)	110 - 135
Short Circuit Current Test (A)	
Secondary Current	Min 1.35
Max	1.65
Input Current	Min 0.55
Max	0.95
CORE and COIL Specifications	
Dimension (A)	1.15 in
Dimension (B)	2.35 in
Weight	2.0 lb's
Lead Lengths	12 "
Capacitor Requirement	
Microfarads	22.5 uf
Volts (Min)	120 V



Capacitor:	ACG181	Ignitor:	BVS-004-A
Microfarads:	22.5 uf	Case Temp (Max):	105 °C
Volts (Max):	330 V	BTL Distance (Max):	12 ft
Case Temp (Max):	100 °C		
Height (Max):	3.68 in		
Dia (Max):	1.62 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

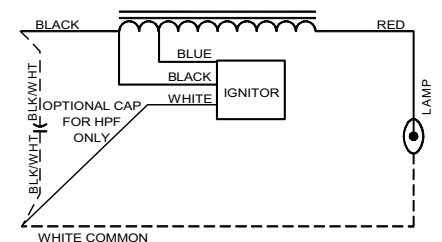
Coil material: Cu

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.



RoHS



10/29/2008 Production