

BALLAST SPECIFICATION

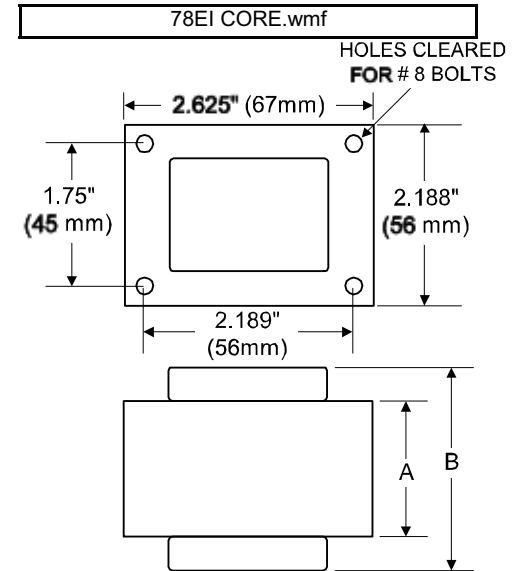
100W M90

Pulse Start Metal Halide

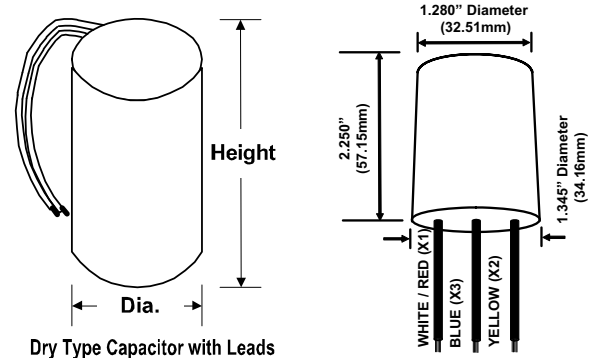
V90U5920

60 Hz Reactor

Input Volts	277
Line Current (Amps)	
Operating	0.45
Open Circuit	1.05
Starting	0.60
Recommended Fuse (Amps)	3
Regulation	
Line Volts	±5%
Lamp Watts	±10%
Temperature Ratings	
Insulation Class	180 (H)
Coil Temperature Code	A
Benchtop Coil Rise	72.4
Power Factor (Min)	90%
Input Watts	118 W
Efficiency	
NOM. Open Circuit Voltage	277
Input Voltage At Lamp Dropout	170
Min Ambient Starting Temp	-20°F/-30°C*
60 HZ TEST PROCEDURES	
High Potential Test (Volts)	
1 Minute	2,000 V
1 Second	2,500 V
Open Circuit Voltage Test (V)	250 - 305
Short Circuit Current Test (A)	
Secondary Current	Min 1.25
	Max 1.55
Input Current	Min 0.25
	Max 0.45
CORE and COIL Specifications	
Dimension (A)	1.65 in
Dimension (B)	2.90 in
Weight	2.8 lb's
Lead Lengths	12 "
Capacitor Requirement	
Microfarads	10.0 uf
Volts (Min)	280 V



Capacitor:	ACG308	Ignitor:	BVS-041
Microfarads:	10.0 uf	Case Temp (Max):	105 °C
Volts (Max):	330 V	BTL Distance (Max)	2 ft
Case Temp (Max)	100 °C		
Height (Max):	2.76 in		
Dia (Max):	1.61 in		



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

* -40°F/-40°C Min Ambient Starting Temp with Venture Lamp

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.

11/5/2009 Production Coil material: Cu

RoHS

