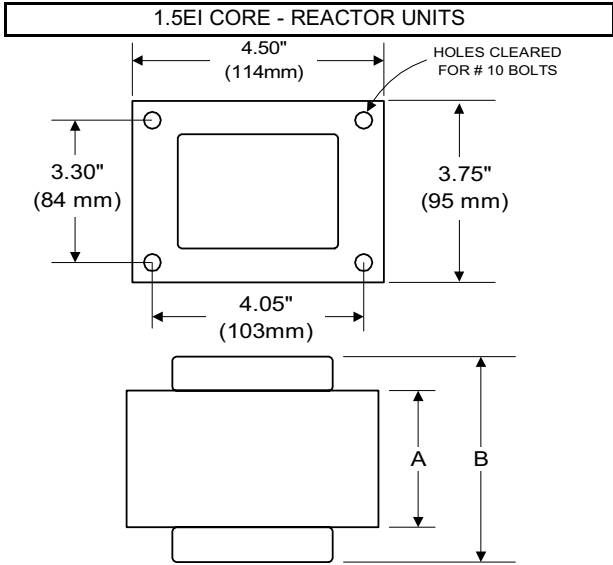


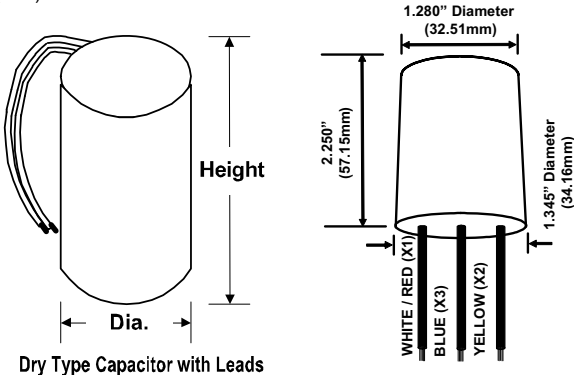
BALLAST SPECIFICATION

450W M144
Pulse Start Metal Halide
V90U8521
60 Hz Reactor

Input Volts	277
Line Current (Amps)	
Operating	1.90
Open Circuit	2.30
Starting	2.30
Recommended Fuse (Amps)	6
Regulation	
Line Volts	±5%
Lamp Watts	±10%
Temperature Ratings	
Insulation Class	180 (H)
Coil Temperature Code	C
Benchtop Coil Rise	73.0
Power Factor (Min)	90%
Input Watts	485 W
Efficiency	93%
NOM. Open Circuit Voltage	277
Input Voltage At Lamp Dropout	200
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 4.20 Max 5.20
Input Current	Min 1.85 Max 2.80
CORE and COIL Specifications	
Dimension (A)	1.80 in
Dimension (B)	3.75 in
Weight	8.1 lb's
Lead Lengths	12"
Capacitor Requirement	
Microfarads	22.0 uf
Volts (Min)	280 V



Capacitor:	ACG306	Ignitor:	BVS-041
Microfarads:	22.0 uf	Case Temp (Max):	105 °C
Volts (Max):	330 V	BTL Distance (Max):	2 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

* -40°F/-40°C Min Ambient Starting Temp with Venture Lamp
 Coil material: Al

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.

4/4/2008 Production



Complies with the Energy Independence and Security Act of 2007 and California Title 20 Appliance Efficiency Regulations



RoHS

