

BALLAST SPECIFICATION

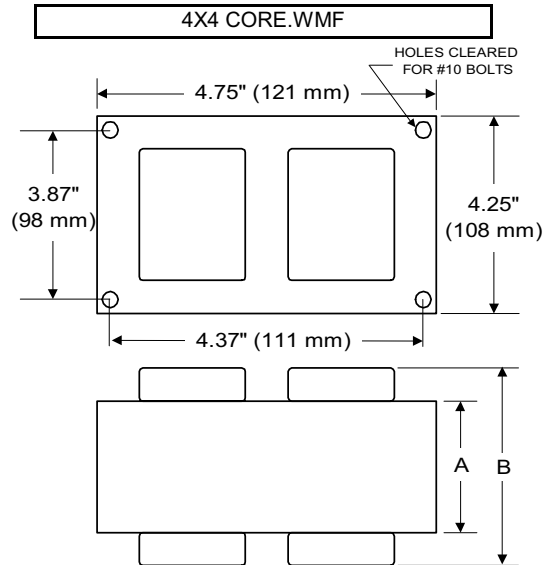
400W M135 / M155

Pulse Start Metal Halide

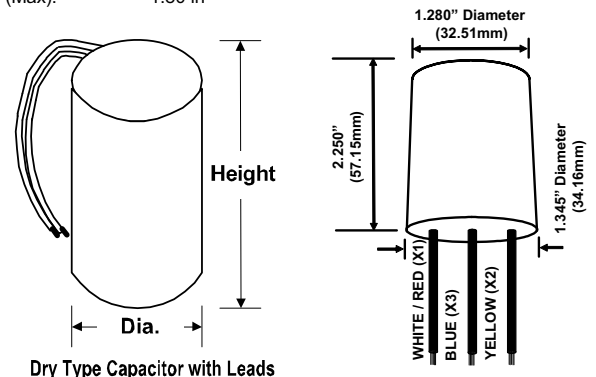
V90D7613

60 Hz CWA

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	4.00	2.25	2.00	1.70
Open Circuit	1.80	0.95	0.90	0.75
Starting	3.65	2.05	1.85	1.55
Recommended Fuse (Amps)	10	6	5	5
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	D	D
Benchtop Coil Rise	80.5	81.4	89.4	89.2
Power Factor (Min)	90%	90%	90%	90%
Input Watts	450 W	450 W	450 W	450 W
Efficiency	89%	89%	89%	89%
NOM. Open Circuit Voltage	250	250	250	250
Input Voltage At Lamp Dropout	75	130	145	170
Min Ambient Starting Temp	-20°F/-30°C*	-20°F/-30°C*	-20°F/-30°C*	-20°F/-30°C*
60 HZ TEST PROCEDURES				
High Potential Test (Volts)				
1 Minute	1,600 V	1,600 V	1,600 V	1,600 V
1 Second	1,900 V	1,900 V	1,900 V	1,900 V
Open Circuit Voltage Test (V)	225 - 270	225 - 270	225 - 270	225 - 270
Short Circuit Current Test (A)				
Secondary Current Min	3.50	3.50	3.50	3.50
Secondary Current Max	4.30	4.30	4.30	4.30
Input Current Min	2.85	1.60	1.45	1.25
Input Current Max	4.30	2.40	2.15	1.85
CORE and COIL Specifications				
Dimension (A)	1.92 in	1.92 in	1.92 in	1.92 in
Dimension (B)	4.10 in	4.10 in	4.10 in	4.10 in
Weight	10.0 lb's	10.0 lb's	10.0 lb's	10.0 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)	345 V	345 V	345 V	345 V



Capacitor:	ACG278	Ignitor:	BVS-041
Microfarads:	26.0 uf	Case Temp (Max):	105 °C
Volts (Max):	400 V	BTL Distance (Max):	2 ft
Case Temp (Max):	100 °C		
Height (Max):	4.72 in		
Dia (Max):	1.80 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: primary Al and secondary 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.

12/12/2008 Production



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



RoHS

