



BALLAST SPECIFICATION

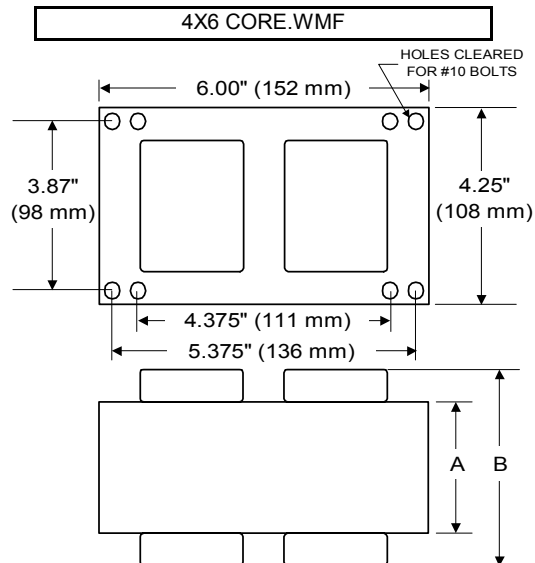
600W S-106

High Pressure Sodium

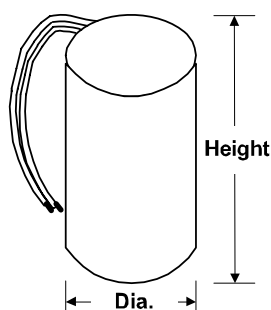
V90D2111

60 Hz CWA

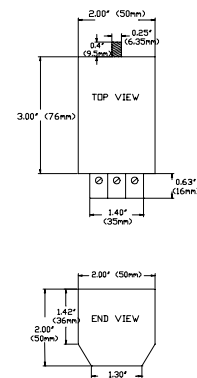
Input Volts	120	208	240	277
Line Current (Amps)				
Operating	5.85	3.25	2.95	2.55
Open Circuit	1.90	1.10	0.95	0.80
Starting	5.60	3.25	2.80	2.45
Recommended Fuse (Amps)	17	10	8	8
Regulation				
Line Volts	±10%	±10%	±10%	±10%
Lamp Watts	±10%	±10%	±10%	±10%
Temperature Ratings				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	A	A	A	A
Benchtop Coil Rise	73.9	69.1	74.8	74.7
Power Factor (Min)	90%	90%	90%	90%
Input Watts	695 W	695 W	695 W	695 W
Efficiency				
NOM. Open Circuit Voltage	225	225	225	225
Input Voltage At Lamp Dropout	70	120	140	160
Min Ambient Starting Temp	-40°F/-40°C	-40°F/-40°C	-40°F/-40°C	-40°F/-40°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	2,000 V	2,000 V	2,000 V	2,000 V
Open Circuit Voltage Test (V)	200 - 250	200 - 250	200 - 250	200 - 250
Short Circuit Current Test (A)				
Secondary Current Min	7.20	7.20	7.20	7.20
Max	8.80	8.80	8.80	8.80
Input Current Min	4.30	2.50	2.15	1.85
Max	6.50	3.75	3.25	2.80
CORE and COIL Specifications				
Dimension (A)	3.40 in	3.40 in	3.40 in	3.40 in
Dimension (B)	5.40 in	5.40 in	5.40 in	5.40 in
Weight	24.5 lb's	24.5 lb's	24.5 lb's	24.5 lb's
Lead Lengths	12"	12"	12"	12"
Capacitor Requirement				
Microfarads	59.0 uf	59.0 uf	59.0 uf	59.0 uf
Volts (Min)	300 V	300 V	300 V	300 V



Capacitor:	ACG325	Ignitor:	BVS-046
Microfarads:	59.0 uf	Case Temp (Max):	105 °C
Volts (Max):	300 V	BTL Distance (Max):	15 ft
Case Temp (Max):	100 °C		
Height (Max):	4.80 in		
Dia (Max):	2.00 in		



Dry Type Capacitor with Leads



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: primary Cu and secondary 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.

4/20/2009 Production



RoHS

