BALLAST SPECIFICATION

400W M135 / M155

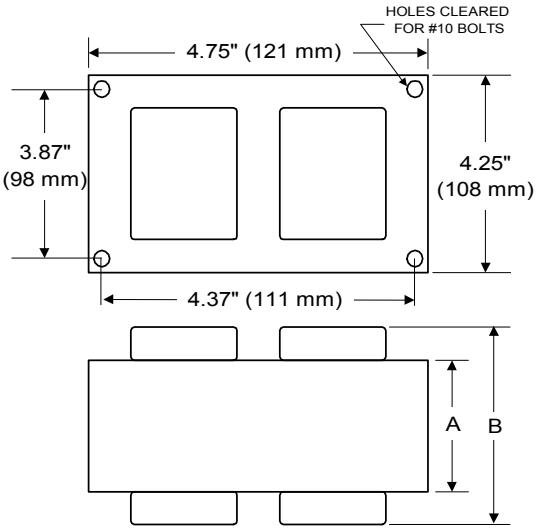
Pulse Start Metal Halide

V90J7612

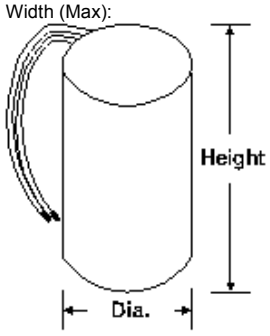
60 Hz CWA C&C

Input Volts	120	277	347
Line Current (Amps)			
Operating	4.00	1.75	1.40
Open Circuit	2.00	0.85	0.70
Starting	3.50	1.50	1.20
Recommended Fuse (Amps)	10	5	4
Regulation			
Line Volts	±10%	±10%	±10%
Lamp Watts	±10%	±10%	±10%
Temperature Ratings			
Insulation Class	180 (H)	180 (H)	180 (H)
Coil Temperature Code	D	D	D
Benchtop Coil Rise	85.4	85.2	89.8
Power Factor (%) HPF	90	90	90
Input Watts	453 W	453 W	453 W
Efficiency	88.0%	88.0%	88.0%
NOM. Open Circuit Voltage	280	280	280
Input Voltage At Lamp Dropout	60	138	173
Min Ambient Starting Temp	-20°F/-30°C*	-20°F/-30°C*	-20°F/-30°C*
60 HZ TEST PROCEDURES			
High Potential Test (Volts)			
1 Minute	2,000 V	2,000 V	2,000 V
1 Second	2,500 V	2,500 V	2,500 V
Open Circuit Voltage Test (V)	250 - 310	250 - 310	250 - 310
Short Circuit Current Test (A)			
Secondary Current Min	3.50	3.50	3.50
Secondary Current Max	4.30	4.30	4.30
Input Current Min	2.70	1.15	0.90
Input Current Max	4.10	1.80	1.40
CORE and COIL Specifications			
Dimension (A)	2.15 in	2.15 in	2.15 in
Dimension (B)	4.00 in	4.00 in	4.00 in
Weight	11.3 lb's	11.3 lb's	11.3 lb's
Lead Lengths	12 "	12 "	12 "
Capacitor Requirement			
Microfarads	26.0 uf	26.0 uf	26.0 uf
Volts (Min)	330 V	330 V	330 V

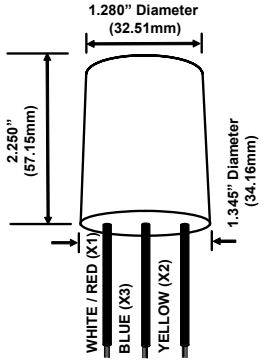
4X4 CORE.WMF



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):	4.80 in		
Dia (Max):	1.80 in		
Oval Width (Max):			



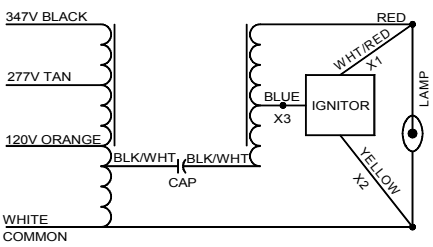
Dry Type Capacitor with Leads



Ordering Information Add Suffix for options

K - Prewired, with Dry Capacitor and Bracket Kit

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



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

Data is based upon tests performed by Venture Lighting in a controlled environment and is representitive of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

08/25/2022 **Production** Coil Material (PRI/SEC): Cu / Al

RoHS

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