

450W M144

Pulse Start Metal Halide

V90D8512

60 Hz CWA

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	4.40	2.50	2.20	1.90
Open Circuit	1.50	0.85	0.75	0.65
Starting	4.00	2.30	2.00	1.70
Regulation				
Line Volts	±10%	±10%	±10%	±10%
Lamp Watts	±10%	±10%	±10%	±10%
UL Temperature Ratings				
Insulation Class	H	H	H	H
Coil Temperature Code	C	D	D	D
Benchtop Coil Rise	83.7	85.2	85.4	88.1
Input Watts	506 W	506 W	506 W	506 W
NOM. Open Circuit Voltage	260	260	260	260
Power Factor	90%	90%	90%	90%
Current Crest Factor	1.60	1.60	1.60	1.60
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	2,000 V	2,000 V	2,000 V	2,000 V
1 Second	2,500 V	2,500 V	2,500 V	2,500 V
Open Circuit Voltage Test (V)	235 - 285	235 - 285	235 - 285	235 - 285
Short Circuit Current Test (A)				
Secondary Current Min	4.20	4.20	4.20	4.20
Max	5.15	5.15	5.15	5.15
Input Current Min	3.20	1.85	1.60	1.40
Max	4.80	2.75	2.40	2.10
Recommended Fuse (Amps)	11	7	6	5
CORE and COIL Specifications				
Dimension (A)	2.30 in	2.30 in	2.30 in	2.30 in
Dimension (B)	4.20 in	4.20 in	4.20 in	4.20 in
Weight (lbs.)	12.4 lb's	12.4 lb's	12.4 lb's	12.4 lb's
Lead Lengths	12 "	12 "	12 "	12 "
CAPACITOR Specifications				
Microfarads	32.0 uf	32.0 uf	32.0 uf	32.0 uf
Volts (min.)	300 V	300 V	300 V	300 V

Ordering Information Add Suffix for options

- C - With Capacitor
- K - With Capacitor and Bracket Kit
- B - With Welded Bracket no cap

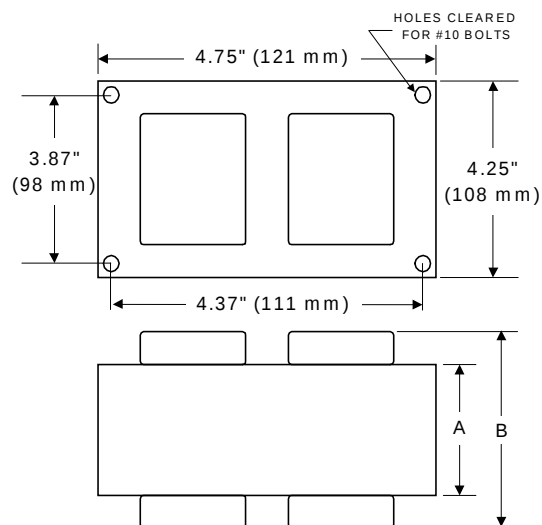
Data is based upon tests performed by Venture Lighting in a controlled environment and is representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice

This unit contains an aluminum winding. Consult factory for details

12/20/00

Production

4X4 CORE - HX, CWA & CWI UNITS

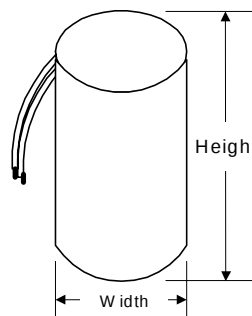


Capacitor: ACG320

Temp Rating: 100 °C
Height: 4.88 in
Dia/Oval Dim 1.49 in

Ignitor: BVS-041

Temp: 105 °C
BTL: 2 ft



Plastic Dry Film Capacitor

