

BALLAST SPECIFICATION

450W M144

Pulse Start Metal Halide

V90D8530

60 Hz HX-HPF

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	4.50	2.30	2.25	2.00
Open Circuit	7.00	3.60	3.50	3.00
Starting	6.80	3.10	3.40	2.90
Recommended Fuse (Amps)	12	6	6	5
Regulation				
Line Volts	±5%	±5%	±5%	±5%
Lamp Watts	±10%	±10%	±10%	±10%
Temperature Ratings				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	B	A	D	D
Benchtop Coil Rise	79.9	72.1	87.8	89.2
Power Factor (Min)	90%	90%	90%	90%
Input Watts	507 W	507 W	507 W	507 W
Efficiency	89%	89%	89%	89%
NOM. Open Circuit Voltage	295	295	295	295
Input Voltage At Lamp Dropout	90	150	160	190
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	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)	265 - 325	265 - 325	265 - 325	265 - 325
Short Circuit Current Test (A)				
Secondary Current Min	4.65	4.65	4.65	4.65
Secondary Current Max	5.70	5.70	5.70	5.70
Input Current Min	5.95	2.65	3.00	2.60
Input Current Max	7.30	3.30	3.65	3.20
CORE and COIL Specifications				
Dimension (A)	2.40 in	2.40 in	2.40 in	2.40 in
Dimension (B)	4.50 in	4.50 in	4.50 in	4.50 in
Weight	14.0 lb's	14.0 lb's	14.0 lb's	14.0 lb's
Lead Lengths	12 "	12 "	12 "	12 "
Capacitor Requirement				
Microfarads	30.0 uf	30.0 uf	30.0 uf	30.0 uf
Volts (Min)	280 V	280 V	280 V	280 V

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

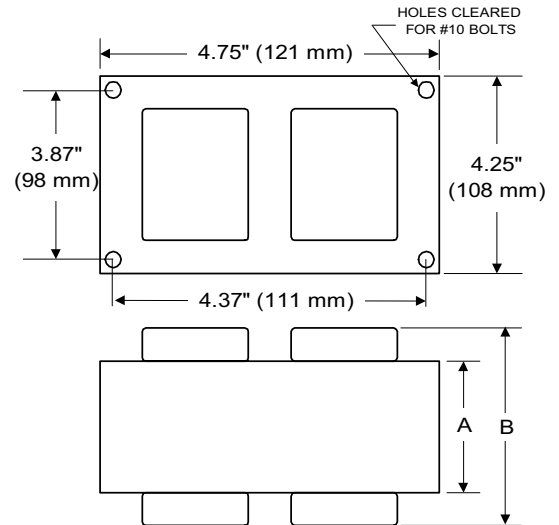
* -40°F/-40°C Min Ambient Starting Temp with Venture Lamp

Coil material: primary 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.

4X4 CORE - HX, CWA CWI UNITS

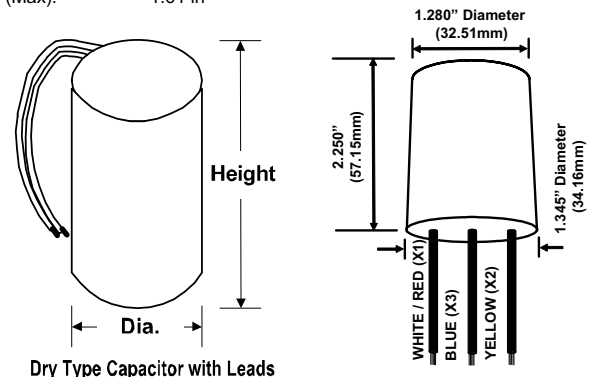


Capacitor: ACG263

Microfarads: 30.0 uf
Volts (Max): 280 V
Case Temp (Max): 100 °C
Height (Max): 3.68 in
Dia (Max): 1.61 in

Ignitor: BVS-045

Case Temp (Max): 105 °C
BTL Distance (Max): 2 ft



Dry Type Capacitor with Leads



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



RoHS

