

Plusrite®

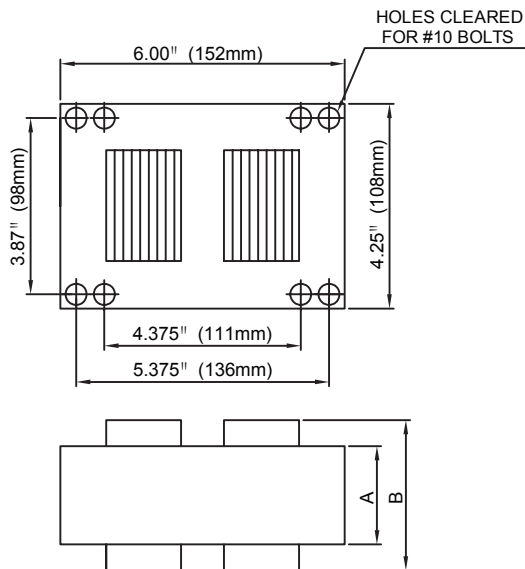
CATALOG NUMBER: BAMH1000-CWA/V240EU

1000W M47 / H36

Metal Halide Lamp Ballast

50 Hz CWA

4X6 CORE - HX, CWA & CWI UNITS.wmf

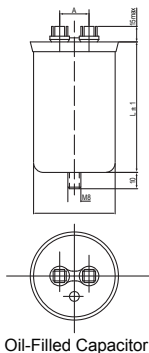


Input Volts			240	
Circuit Type	CWA			
REGULATION				
Line Volts	±10%			
Lamp Watts	±10%			
LINE CURRENT(Amps)				
Operating			4.70	
Open Circuit			3.10	
Starting			3.10	
RECOMMENDED FUSE (Amps)			12	
TEMPERATURE RATINGS				
Insulation Class	H			
Coil Temperature Code			B	
Benchtop Coil Rise			74.1	
Power Factor (Min)	90%			
Input Watts	1070 W			
Efficiency				
CURRENT CREST FACTOR	1.60			
NOM. OPEN CIRCUIT VOLTAGE	412			
INPUT VOLTAGE AT LAMP DROPOUT			140	
MIN AMBIENT STARTING TEMP	-20°F/-30°C			
50 HZ TEST PROCEDURES				
High Potential Test (Volts)				
1 Minute	1,650V			
1 Second	2,000 V			
Open Circuit Voltage Test (V)	380 - 444			
Short Circuit Current Test (A)				
Secondary Current	Min 4.95			
Max 5.85				
Input Current	Min 2.30			
Max 3.50				
CORE and COIL Specifications				
Dimension A (in)	2.83			
Dimension B (in)	4.80			
Weight (lbs)	20.5			
Lead Lengths (in)	12			
CAPACITOR REQUIREMENT				
Microfarads	30.0 uf			
Volts (Min)	480 V			

Capacitor:

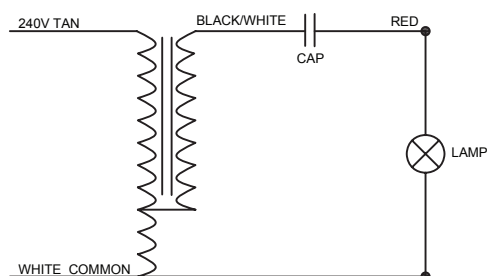
Ignitor: None

Microfarads: 30.0 uf
Volts (Max): 480V
Case Temp(Max): 100°C
D: 1.97 in
L: 3.94 in
A: 0.79 in



No Ignitor Needed

Wiring Diagram:



ORDERING INFORMATION Add Suffix for options (please call Plusrite for suffix availability)

C	With Oil-Filled Capacitor
CB	With Oil-Filled Capacitor and Welded Bracket
B	With Welded Bracket, no Capacitor
K	Prewired, with Dry Capacitor and Bracket Kit
D	With Dry Capacitor
DB	With Dry Capacitor and Welded Bracket

Data is based upon tests performed by Plusrite 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.

Coil material: Cu/Al