

# Plusrite®

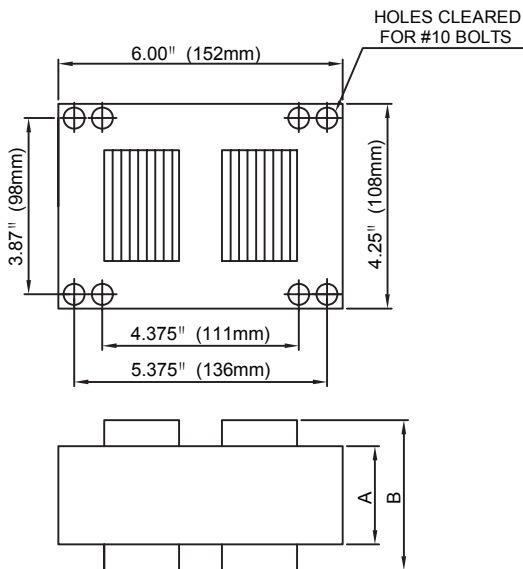
**CATALOG NUMBER: BAMH1000-CWA/V4**

**1000W M47 / H36**

**Metal Halide Lamp Ballast**

**60 Hz CWA**

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

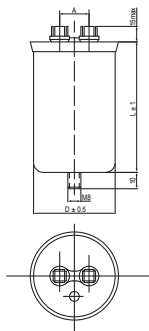


Input Volts		120	208	240	277
Circuit Type	CWA				
<b>REGULATION</b>					
Line Volts	±10%				
Lamp Watts	±10%				
<b>LINE CURRENT( Amps )</b>					
Operating		9.00	5.20	4.50	3.90
Open Circuit		6.00	3.50	3.00	2.60
Starting		6.00	3.50	3.00	2.60
<b>RECOMMENDED FUSE (Amps)</b>					
		25	15	12	10
<b>TEMPERATURE RATINGS</b>					
Insulation Class	H				
Coil Temperature Code		D	A	A	A
Benchtop Coil Rise		86.9	68.2	74.1	74.2
Power Factor (Min)	90%				
Input Watts	1080 W				
Efficiency					
<b>CURRENT CREST FACTOR</b>					
	1.60				
<b>NOM. OPEN CIRCUIT VOLTAGE</b>					
	420				
<b>INPUT VOLTAGE AT LAMP DROPOUT</b>					
		70	125	140	160
<b>MIN AMBIENT STARTING TEMP</b>					
	-20°F/-30°C				

**Capacitor:**

**Ignitor: None**

- Microfarads: 24.0 uf
- Volts (Max): 480V
- Case Temp(Max): 100°C
- D: 1.97 in
- L: 3.94 in
- A: 0.79 in



Oil-Filled Capacitor

No Ignitor Needed

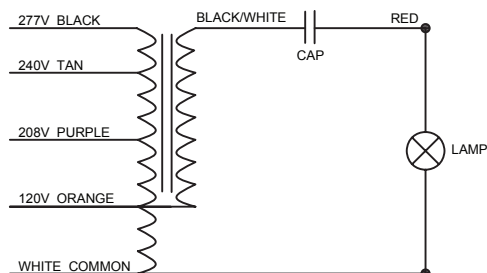
<b>60 HZ TEST PROCEDURES</b>					
<b>High Potential Test (Volts)</b>					
1 Minute		1,650V			
1 Second		2,000 V			
Open Circuit Voltage Test (V)		380 - 460			
<b>Short Circuit Current Test (A)</b>					
Secondary Current	Min	4.75			
	Max	5.85			
Input Current	Min		4.80	2.80	2.40
	Max		7.20	4.20	3.60
				3.60	3.15

<b>CORE and COIL Specifications</b>					
Dimension A (in)		2.80			
Dimension B (in)		4.80			
Weight (lbs)		20.5			
Lead Lengths (in)		12			

<b>CAPACITOR REQUIREMENT</b>					
Microfarads		24.0 uf			
Volts (Min)		480 V			

**Wiring Diagram:**

**cFL<sup>®</sup> US RoHS**



**ORDERING INFORMATION**

The ballast is prewired and comes with a kit including capacitor and 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