

Plusrite®

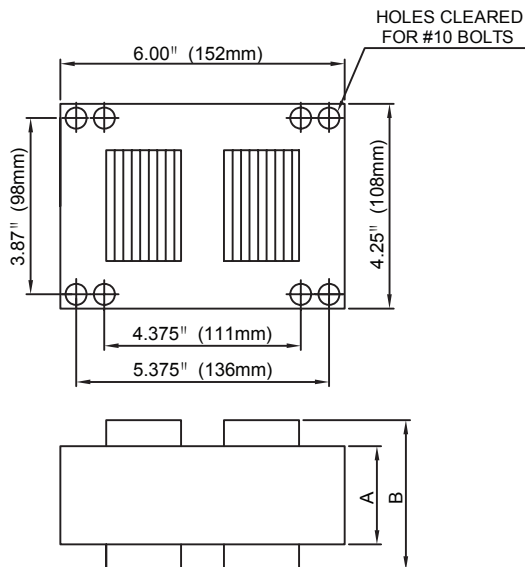
CATALOG NUMBER: BAMH1000-CWA/V4

1000W M47 / H36

Metal Halide Lamp Ballast

60 Hz CWA

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

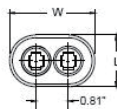


Input Volts	120	208	240	277
Circuit Type	CWA			
REGULATION				
Line Volts	±10%			
Lamp Watts	±10%			
LINE CURRENT(Amps)				
Operating	9.00	5.20	4.50	3.90
Open Circuit	6.00	3.50	3.00	2.60
Starting	6.00	3.50	3.00	2.60
RECOMMENDED FUSE (Amps)	25	15	12	10
TEMPERATURE RATINGS				
Insulation Class	H			
Coil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

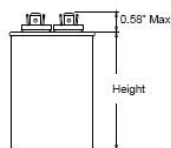
Capacitor:

Ignitor: None

Microfarads: 24.0 uf
Volts (Max): 480V
Case Temp(Max): 100°C
H: 3.88 in
L: 1.91 in
W: 2.91 in



No Ignitor Needed



Oil-Filled Capacitor

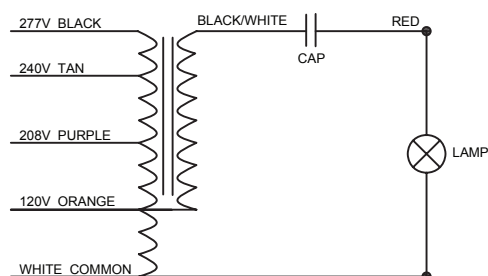
60 HZ TEST PROCEDURES				
High Potential Test (Volts)				
1 Minute	1,650V			
1 Second	2,000 V			
Open Circuit Voltage Test (V)	380 - 460			
Short Circuit Current Test (A)				
Secondary Current	Min 4.75 Max 5.85			
Input Current	Min 4.80 Max 7.20	2.80	2.40	2.10

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

CAPACITOR REQUIREMENT				
Microfarads	24.0 uf			
Volts (Min)	480 V			

Wiring Diagram:

cALUS RoHS



PACKAGING

Width (inch)	5.90
Depth (inch)	9.05
Height (inch)	6.69
Weight (lbs) Individual	20.28

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