Plusrite®

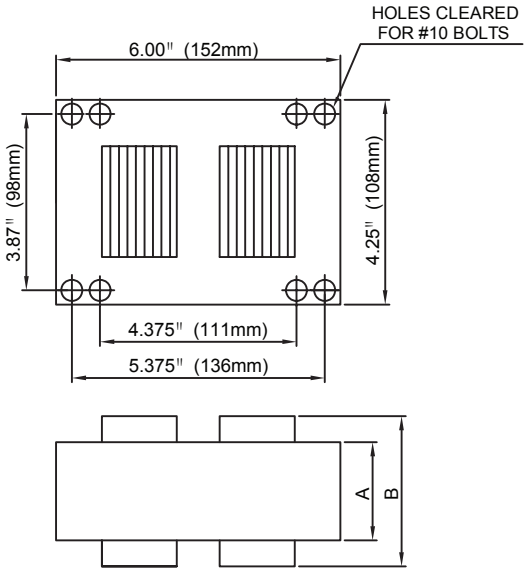
CATALOG NUMBER: BAPS1000-CWA/V5

1000W M141

Pulse Start Metal Halide Lamp Ballast

60 Hz CWA

4X6 CORE - HX, CWA CWI UNITS

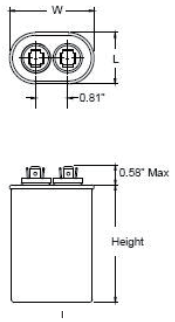


Capacitor:

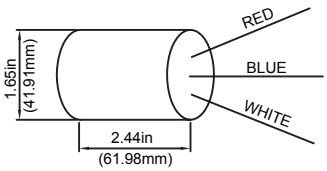
Microfarads:	24.0 uf
Volts (Max):	480 V
Case Temp(Max):	100°C
H:	3.88 in
L:	1.91 in
W:	2.91 in

Ignitor:

Case Temp (Max):	105 °C
BTL Distance (Max):	15 ft



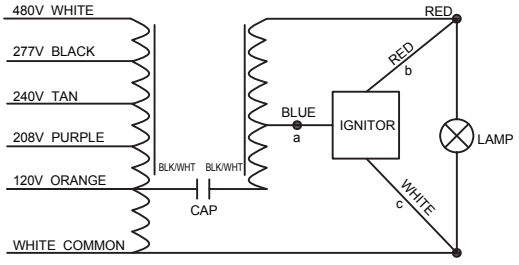
Oil-Filled Capacitor



Input Volts / Circuit Type		120	208	240	277	480
	CWA					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT(Amps)						
Operating		9.00	5.20	4.50	3.90	2.40
Open Circuit		6.00	3.50	3.00	2.60	0.00
Starting		6.00	3.50	3.00	2.60	1.38
RECOMMENDED FUSE (Amps)		25	15	12	10	6
TEMPERATURE RATINGS						
Insulation Class	180 (H)					
Coil Temperature Code		D	A	B	B	B
Benchtop Coil Rise		88.2	73.5	78.4	78.2	78.2
Power Factor (Min)	90%					
Input Watts	1082 W					
Efficiency	92%					
NOM. OPEN CIRCUIT VOLTAGE	420					
INPUT VOLTAGE AT LAMP DROPOUT		70	125	140	160	320
MIN AMBIENT STARTING TEMP	-20°F/-30°C					
60 HZ TEST PROCEDURES						
High Potential Test (Volts)						
1 Minute	1,850 V					
1 Second	2,200 V					
Open Circuit Voltage Test (V)	380 - 460					
Short Circuit Current Test (A)						
Secondary Current Min	4.75					
Secondary Current Max	5.85					
Input Current Min		4.80	2.80	2.40	2.10	1.04
Input Current Max		7.20	4.20	3.60	3.15	1.56
CORE and COIL Specifications						
Dimension A (in)	3.35					
Dimension B (in)	4.92					
Weight (lbs)	21.0					
Lead Lengths (in)	12					
CAPACITOR REQUIREMENT						
Microfarads	24.0uf					
Volts (Min)	480 V					

Wiring Diagram:

c UL us **RoHS**



ORDERING INFORMATION

The ballast comes with a kit including capacitor, ignitor and bracket.

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

Coil material: Cu/Al

Fanlight Corporation, Inc 2000 S. Grove Ave, Bldg B Ontario, CA 91761
T: 1.888.758.7443 T: 1.909.930.6868 F: 1.909.930.9988 www.plusriteusa.com