Plusrite®

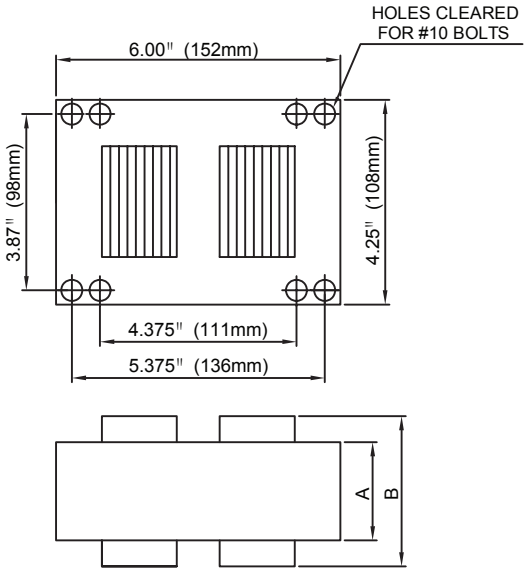
CATALOG NUMBER: BAPS750-CWA/V5

750W M149

Pulse Start Metal Halide Lamp Ballast

60 Hz CWA

4X6 CORE.WMF

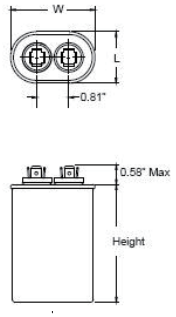


Capacitor:

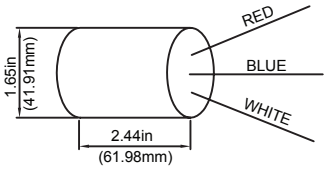
Microfarads:	24.0 uf
Volts (Max):	480 V
Case Temp(Max):	100°C
H:	3.88 in
L:	1.91 in
W:	2.91 in

Ignitor:

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



Oil-Filled Capacitor



Wiring Diagram:

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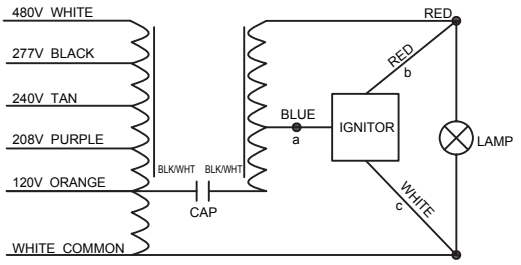

Input Volts / Circuit Type		120	208	240	277	480
	CWA					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT(Amps)						
Operating		6.80	4.00	3.40	3.00	1.80
Open Circuit		4.60	2.60	2.30	2.00	0.80
Starting		4.80	2.80	2.40	2.10	1.65
RECOMMENDED FUSE (Amps)		17	10	9	8	8
TEMPERATURE RATINGS						
Insulation Class	180 (H)					
Coil Temperature Code		B	C	B	B	C
Benchtop Coil Rise		75.9	81.6	75.9	78.2	78.2
Power Factor (Min)	90%					
Input Watts	815 W					
Efficiency						
NOM. OPEN CIRCUIT VOLTAGE	370					
INPUT VOLTAGE AT LAMP DROPOUT		60	105	120	140	240
MIN AMBIENT STARTING TEMP	-20°F/-30°C					
60 HZ TEST PROCEDURES						
High Potential Test (Volts)						
1 Minute	2,000 V					
1 Second	2,500 V					
Open Circuit Voltage Test (V)	335 - 405					
Short Circuit Current Test (A)						
Secondary Current Min	4.30					
Secondary Current Max	5.30					
Input Current Min		3.70	2.00	1.85	1.60	1.25
Input Current Max		5.50	3.10	2.75	2.40	1.90
CORE and COIL Specifications						
Dimension A (in)	2.83					
Dimension B (in)	4.41					
Weight (lbs)	18.0					
Lead Lengths (in)	12					
CAPACITOR REQUIREMENT						
Microfarads	24.0uf					
Volts (Min)	480 V					

Package Dimensions	
Depth (in)	9.05
Height (in)	6.69
Width(in)	5.90
Weight (lbs)	19.34
Unit Count	1
Total Weight	19.34

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