Plusrite®

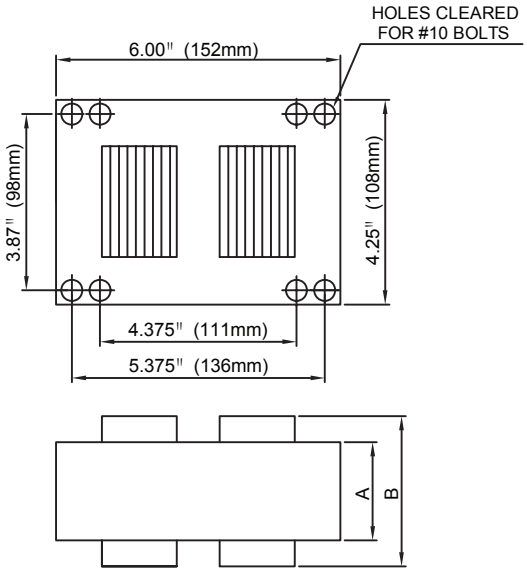
CATALOG NUMBER: BAPS750-CWA/V4

750W M149

Pulse Start Metal Halide Lamp Ballast

60 Hz CWA

4X6 CORE.WMF



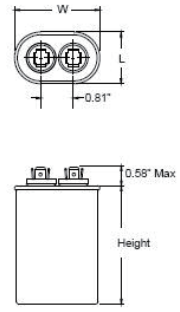
		120	208	240	277
Input Volts					
Circuit Type	CWA				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT(Amps)					
Operating		6.80	4.00	3.40	3.00
Open Circuit		4.60	2.60	2.30	2.00
Starting		4.80	2.80	2.40	2.10
RECOMMENDED FUSE (Amps)		17	10	9	8
TEMPERATURE RATINGS					
Insulation Class	180 (H)				
Coil Temperature Code		B	C	B	B
Benchtop Coil Rise		75.9	81.6	75.9	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
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
Input Current Max		5.50	3.10	2.75	2.40
CORE and COIL Specifications					
Dimension A (in)	2.80				
Dimension B (in)	4.80				
Weight (lbs)	18.0				
Lead Lengths (in)	12				
CAPACITOR REQUIREMENT					
Microfarads	24.0uf				
Volts (Min)	480 V				

Capacitor:

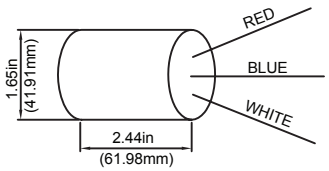
Microfarads:	24.0 uf
Volts (Max):	480 V
Case Temp(Max):	100°C
H:	3.88 in
L:	1.91 in
W:	2.91 in

Ignitor:

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

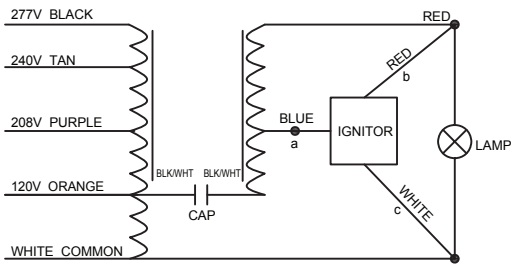


Oil-Filled Capacitor



Wiring Diagram:

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: Al/Al

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