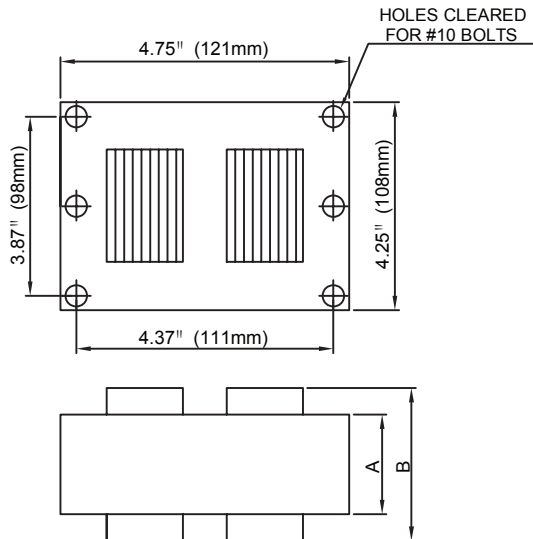


Plusrite®

CATALOG NUMBER: BAPS450-CWA/V5**450W M144****Pulse Start Metal Halide Lamp Ballast
60 Hz CWA****4X4 CORE - HX, CWA CWI UNITS****Capacitor:**

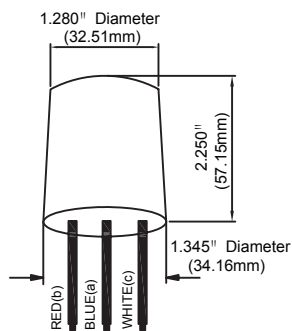
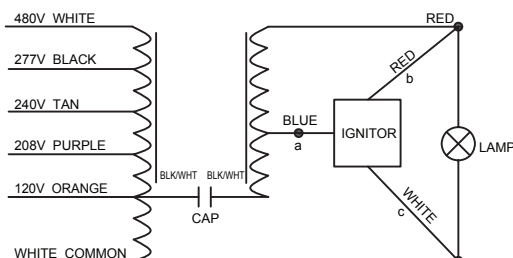
Microfarads: 26.0 uf
Volts (Max): 400 V
Case Temp(Max): 100°C
D: 1.77 in
L: 3.66 in
A: 0.71 in



Dry-Plastic Capacitor

Ignitor:

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

**Wiring Diagram:**

Input Volts		120	208	240	277	480
Circuit Type	CWA					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT(Amps)						
Operating	4.40	2.50	2.20	1.90	1.10	
Open Circuit	2.00	1.15	1.00	0.85	0.65	
Starting	4.00	2.30	2.00	1.70	1.00	
RECOMMENDED FUSE (Amps)		11	7	6	5	3
TEMPERATURE RATINGS						
Insulation Class	180 (H)					
Coil Temperature Code	D	D	C	C	C	
Benchtop Coil Rise	85.8	85.3	84.8	84.9	84.3	
Power Factor (Min)	90%					
Input Watts	504 W					
Efficiency	88%					
NOM. OPEN CIRCUIT VOLTAGE	305					
INPUT VOLTAGE AT LAMP DROPOUT		60	104	120	138	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)	250 - 310					
Short Circuit Current Test (A)						
Secondary Current	Min 3.80 Max 4.60					
Input Current	Min 2.80 Max 4.20	1.60	1.40	1.20	0.55	
		2.40	2.10	1.80	0.85	
CORE and COIL Specifications						
Dimension A (in)	2.25					
Dimension B (in)	4.15					
Weight (lbs)	12.5					
Lead Lengths (in)	12					
CAPACITOR REQUIREMENT						
Microfarads	26.0uf					
Volts (Min)	400 V					

ORDERING INFORMATION

Add Suffix for options

(please call Plusrite for suffix availability)

C	With Capacitor
K	Prewired, with Dry Capacitor and Bracket Kit
B	With Welded Bracket, no Capacitor
CB	With Oil-Filled Capacitor and Welded 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