

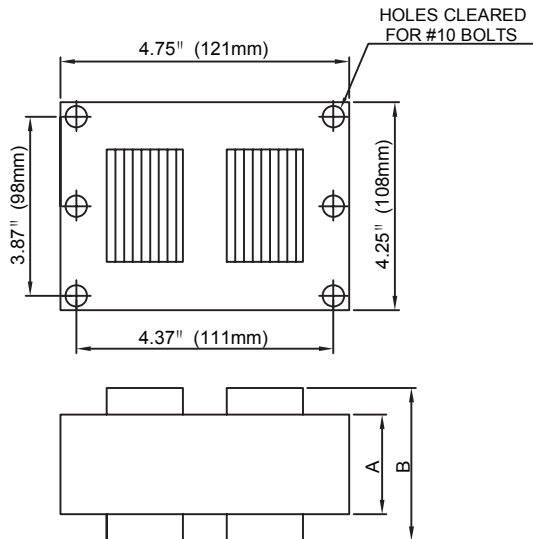
Plusrite®

CATALOG NUMBER: BAPS320-CWA/V4

320W M132 / M154

Pulse Start Metal Halide Lamp Ballast 60 Hz CWA

4X4 CORE - HX, CWA CWI UNITS



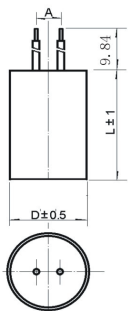
Input Volts	120	208	240	277
Circuit Type	CWA			
REGULATION				
Line Volts	±10%			
Lamp Watts	±9%			
LINE CURRENT(Amps)				
Operating	3.10	1.80	1.55	1.35
Open Circuit	1.60	0.95	0.80	0.75
Starting	2.60	1.50	1.35	1.15
RECOMMENDED FUSE (Amps)	8	5	4	4
TEMPERATURE RATINGS				
Insulation Class	180 (H)			
Coil Temperature Code	B	B	B	C
Benchtop Coil Rise	75.8	78.8	78.4	80.0
Power Factor (Min)	90%			
Input Watts	364 W			
Efficiency	88%			
NOM. OPEN CIRCUIT VOLTAGE	280			
INPUT VOLTAGE AT LAMP DROPOUT	70	120	140	155
MIN AMBIENT STARTING TEMP	-20°F/-30°C			

Capacitor:

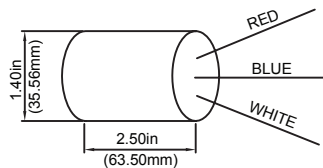
Microfarads: 22.0 uf
Volts (Max): 330 V
Case Temp(Max): 100°C
D: 1.77 in
L: 3.66 in
A: 0.71 in

Ignitor:

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



Dry Type Capacitor with Leads



60 HZ TEST PROCEDURES

High Potential Test (Volts)

1 Minute 1,600 V
1 Second 1,900 V

Open Circuit Voltage Test (V)

250 - 305

Short Circuit Current Test (A)

Secondary Current Min 3.05
Max 3.70

Input Current	Min	2.00	1.20	1.00	0.90
	Max	3.05	1.75	1.50	1.35

CORE and COIL Specifications

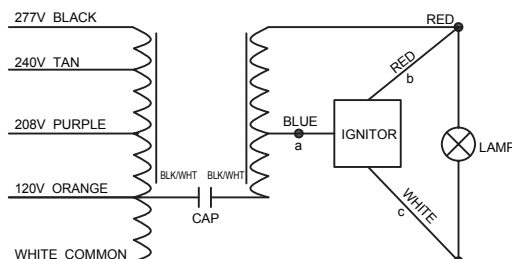
Dimension A (in) 2.00
Dimension B (in) 4.15
Weight (lbs) 10.0
Lead Lengths (in) 12

CAPACITOR REQUIREMENT

Microfarads 22.0uf
Volts (Min) 330 V

Wiring Diagram:

c **AL** ^{us} RoHS (E)



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 representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

Coil material: Cu/Al