

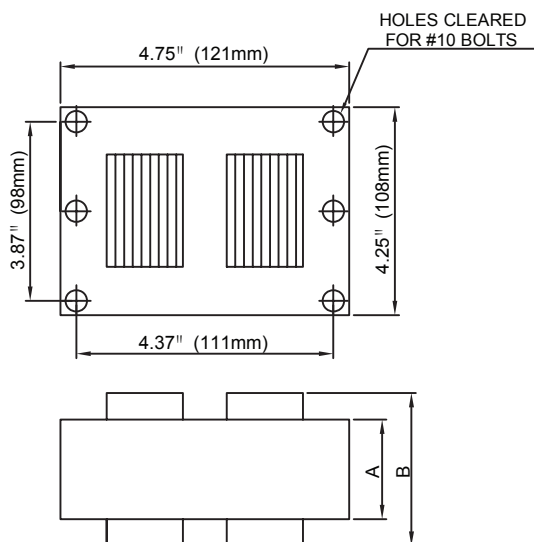
Plusrite®

CATALOG NUMBER: BAPS400-CWA/V5

400W M135 / M155

Pulse Start Metal Halide Lamp Ballast
60 Hz CWA

4X4 CORE - HX, CWA CWI UNITS



Input Volts		120	208	240	277	480
Circuit Type	CWA					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT(Amps)						
Operating	4.00	2.30	2.00	1.75	0.95	
Open Circuit	2.00	1.15	1.00	0.85	0.65	
Starting	3.50	2.00	1.75	1.50	0.75	
RECOMMENDED FUSE (Amps)		10	6	5	5	3
TEMPERATURE RATINGS						
Insulation Class	180 (H)					
Coil Temperature Code	C	C	C	C	D	
Benchtop Coil Rise	84.3	84.8	84.8	84.9	84.9	
Power Factor (Min)	90%					
Input Watts	453 W					
Efficiency	88%					
NOM. OPEN CIRCUIT VOLTAGE	280					
INPUT VOLTAGE AT LAMP DROPOUT		60	104	120	138	240
MIN AMBIENT STARTING TEMP	-20°F/-30°C					

Capacitor:

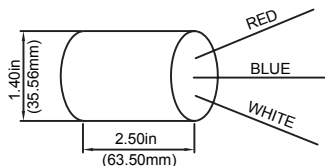
Microfarads: 24.0 uf
Volts (Min): 330 V
Case Temp(Max): 100°C
D: 1.77 in
L: 3.66 in
A: 0.71 in

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 2,000 V
1 Second 2,500 V

Open Circuit Voltage Test (V)

250 - 310

Short Circuit Current Test (A)

Secondary Current Min 3.50
Max 4.30

Input Current Min 2.80
Max 4.20

CORE and COIL Specifications

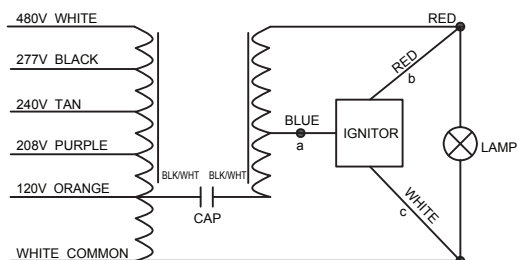
Dimension A (in) 2.00
Dimension B (in) 3.90
Weight (lbs) 10.7
Lead Lengths (in) 12

CAPACITOR REQUIREMENT

Microfarads 24.0uf
Volts (Min) 330 V

Wiring Diagram:

c **AL** [®] **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 representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

Coil material: Cu/Al