

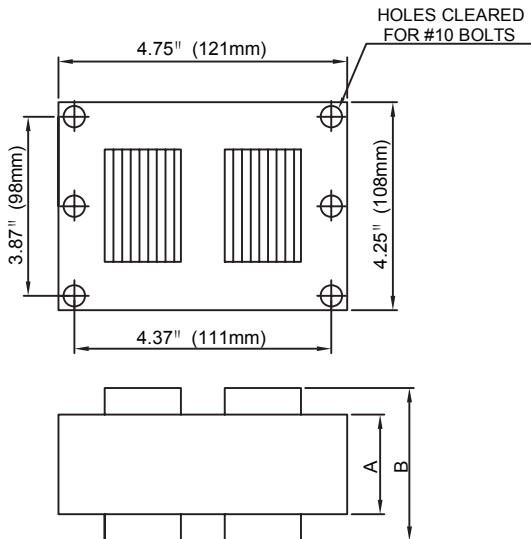
Plusrite®

CATALOG NUMBER: BAPS250-CWA/V5

250W M138/M153

Pulse Start Metal Halide Lamp Ballast
60 Hz CWA

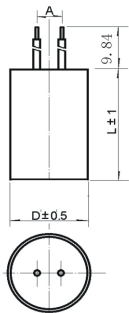
4X4 CORE.WMF



Input Volts		120	208	240	277	480
Circuit Type	CWA					
REGULATION						
Line Volts	±10%					
Lamp Watts	±9%					
LINE CURRENT(Amps)						
Operating		2.45	1.45	1.25	1.05	0.60
Open Circuit		1.80	1.10	0.90	0.80	0.37
Starting		1.75	1.00	0.90	0.75	0.43
RECOMMENDED FUSE (Amps)		7	4	4	3	2
TEMPERATURE RATINGS						
Insulation Class	180 (H)					
Coil Temperature Code	A					
Benchtop Coil Rise		63.7	66.4	65.6	65.4	65.4
Power Factor (Min)	90%					
Input Watts	285 W					
Efficiency	88%					
NOM. OPEN CIRCUIT VOLTAGE	275					
INPUT VOLTAGE AT LAMP DROPOUT		65	110	125	145	240
MIN AMBIENT STARTING TEMP	-20°F/-30°C					

Capacitor:

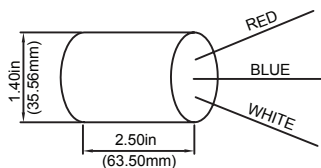
Microfarads: 16.0 uf
Volts (Min): 370 V
Case Temp(Max): 100°C
D: 1.65 in
L: 3.15 in
A: 0.63 in



Dry Type Capacitor with Leads

Ignitor:

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



60 HZ TEST PROCEDURES

High Potential Test (Volts)

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

Open Circuit Voltage Test (V)

250 - 300

Short Circuit Current Test (A)

Secondary Current Min 2.30
Max 2.85

Input Current Min 1.35
Max 2.05

CORE and COIL Specifications

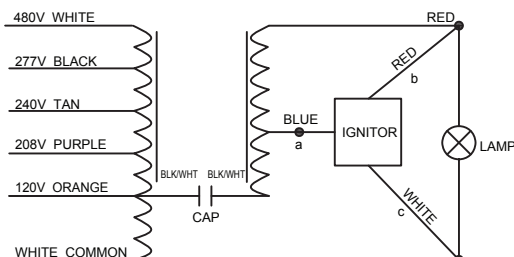
Dimension A (in) 2.00
Dimension B (in) 3.58
Weight (lbs) 11.0
Lead Lengths (in) 12

CAPACITOR REQUIREMENT

Microfarads 16.0uf
Volts (Min) 370 V

Wiring Diagram:

cALUS 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