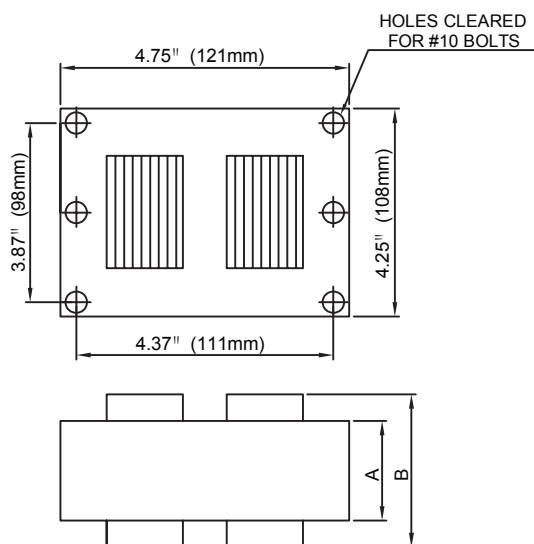


Plusrite®

CATALOG NUMBER: BALU250-CWA/V3**250W S50****High Pressure Sodium Lamp Ballast
60 Hz CWA****4X4 CORE - HX, CWA & CWI UNITS**

Input Volts	120	277	347
Circuit Type	CWA		
REGULATION			
Line Volts	±10%		
Lamp Watts	±13%		
LINE CURRENT(Amps)			
Operating	2.52	1.13	0.95
Open Circuit	1.55	0.66	0.55
Starting	1.89	0.83	
RECOMMENDED FUSE (Amps)	7	3	2
TEMPERATURE RATINGS			
Insulation Class	H		
Coil Temperature Code	B	B	B
Benchtop Coil Rise	77.4	77.9	77.7
Power Factor (Min)	90%		
Input Watts	295 W		
Current Crest Factor			
NOM. OPEN CIRCUIT VOLTAGE	200		
INPUT VOLTAGE AT LAMP DROPOUT	85	198	243
MIN AMBIENT STARTING TEMP	-40°F/-40°C		
60 HZ TEST PROCEDURES			
High Potential Test (Volts)			
1 Minute	1,600 V		
1 Second	2,000 V		
Open Circuit Voltage Test (V)	175 - 215		
Short Circuit Current Test (A)			
Min	3.80		
Secondary Current			
Max	4.70		
Input Current			
Min	1.25	0.50	0.43
Max	1.90	0.85	0.65
CORE and COIL Specifications			
Dimension A (in)	2.19		
Dimension B (in)	4.08		
Weight (lbs)	11.0		
Lead Lengths (in)	12		
CAPACITOR REQUIREMENT			
Microfarads	35.0 uf		
Volts (Min)	300 V		

Capacitor:

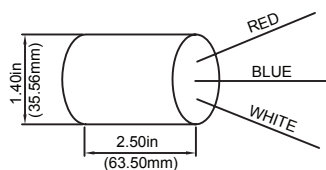
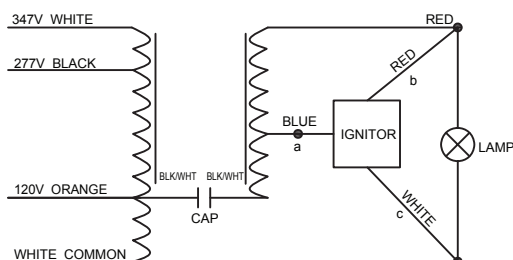
Microfarads: 35.0 uf
Volts (Min): 300 V
Case Temp(Max): 100°C
D: 1.77 in
L: 3.66 in
A: 0.71 in

Ignitor:

Temp: 105 °C
BTL: 2 ft



Dry Type Capacitor with Leads

**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: Al/Al