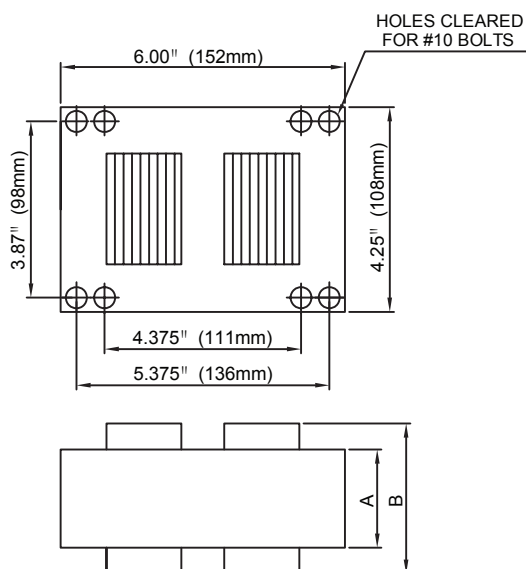


Plusrite®

CATALOG NUMBER: BALU1000-CWA/V3**1000W S52****High Pressure Sodium Lamp Ballast
60 Hz CWA****4X6 CORE - HX, CWA CWI UNITS**

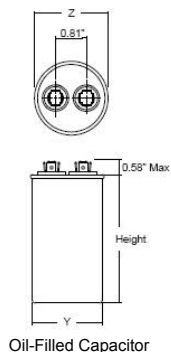
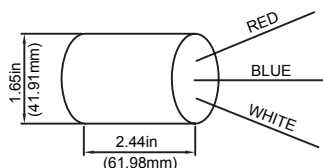
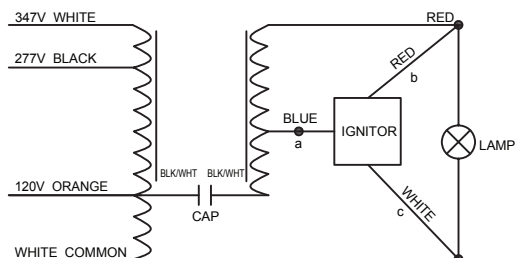
Input Volts	120	277	347
Circuit Type	CWA		
REGULATION			
Line Volts	±10%		
Lamp Watts	±14%		
LINE CURRENT(Amps)			
Operating	9.56	4.20	3.35
Open Circuit	3.78	1.57	1.32
Starting	7.90	3.50	2.80
RECOMMENDED FUSE (Amps)	25	10	6
TEMPERATURE RATINGS			
Insulation Class	H		
Coil Temperature Code	E	E	E
Benchtop Coil Rise	83.8	80.5	80.5
Power Factor (Min)	90%		
Input Watts	1065 W		
Efficiency			
CURRENT CREST FACTOR	1.65		
NOM. OPEN CIRCUIT VOLTAGE	446		
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	2,000 V		
1 Second	2,400 V		
Open Circuit Voltage Test (V)	380 - 470		
Short Circuit Current Test (A)			
Secondary Current	Min 6.20 Max 7.60		
Input Current	Min 5.20 Max 8.20	2.35 3.55	1.80 2.84
CORE and COIL Specifications			
Dimension A (in)	4.33		
Dimension B (in)	6.33		
Weight (lbs)	27.0		
Lead Lengths (in)	12		
CAPACITOR REQUIREMENT			
Microfarads	26.0 uf		
Volts (Min)	525 V		

Capacitor:

Microfarads: 26.0 uf
Volts (Min): 525 V
Case Temp(Max): 100°C
H: 4.75 in
Y: 2.00 in
Z: 2.12 in

Ignitor:

Case Temp (Max): 105°C
BTL Distance (Max): 15 ft

**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