

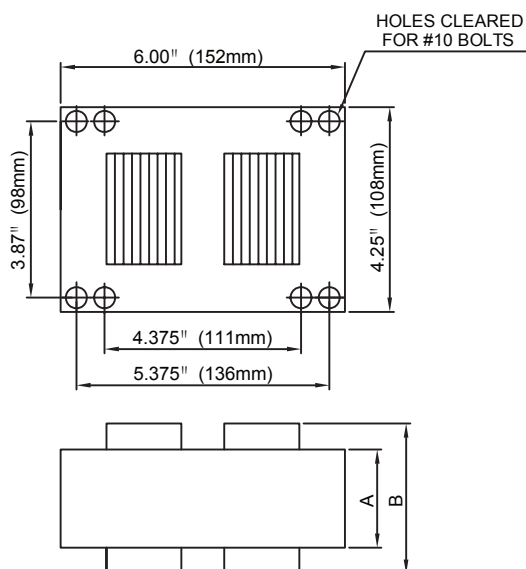
Plusrite®

CATALOG NUMBER: BALU1000-CWA/V480

1000W S52

High Pressure Sodium Lamp Ballast 60 Hz CWA

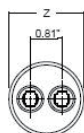
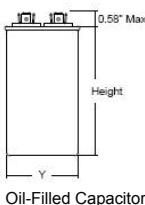
4X6 CORE - HX, CWA & CWI UNITS



Input Volts	480			
Circuit Type	CWA			
REGULATION				
Line Volts	±10%			
Lamp Watts	±14%			
LINE CURRENT(Amps)				
Operating	2.30			
Open Circuit	0.80			
Starting	2.30			
RECOMMENDED FUSE (Amps)	6			
TEMPERATURE RATINGS				
Insulation Class	H			
Coil Temperature Code	C			
Benchtop Coil Rise	82.9			
Power Factor (Min)	90%			
Input Watts	1100 W			
Efficiency				
CURRENT CREST FACTOR	1.65			
NOM. OPEN CIRCUIT VOLTAGE	430			
INPUT VOLTAGE AT LAMP DROPOUT	385			
MIN AMBIENT STARTING TEMP	-40°F/-40°C			

Capacitor:

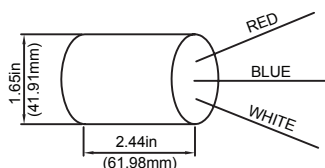
Microfarads: 26.0 uf
Volts (Max): 540 V
Case Temp(Max): 100°C
H: 4.75 in
Y: 2.00 in
Z: 2.12 in



Oil-Filled Capacitor

Ignitor:

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



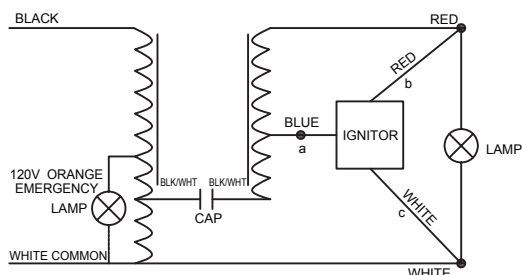
60 HZ TEST PROCEDURES				
High Potential Test (Volts)				
1 Minute	2,000 V			
1 Second	2,400 V			
Open Circuit Voltage Test (V)	385 - 475			
Short Circuit Current Test (A)				
Secondary Current	Min	6.35		
	Max	7.80		
Input Current	Min	1.80		
	Max	2.80		

CORE and COIL Specifications				
Dimension A (in)	4.33			
Dimension B (in)	6.33			
Weight (lbs)	28.8			
Lead Lengths (in)	12			

CAPACITOR REQUIREMENT				
Microfarads	26.0 uf			
Volts (Min)	525 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