Plusrite®

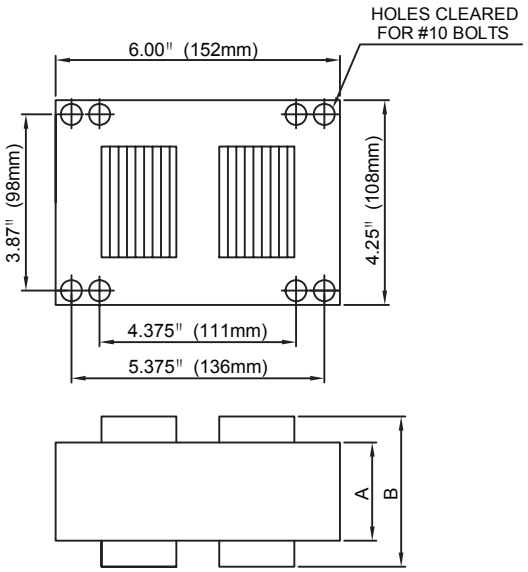
CATALOG NUMBER: BALU1000-CWA/V4

1000W S52

High Pressure Sodium Lamp Ballast

60 Hz CWA

4X6 CORE - HX, CWA CWI UNITS



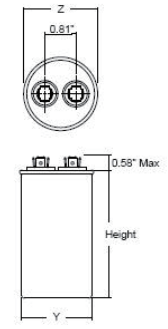
		120	208	240	277
Input Volts					
Circuit Type	CWA				
REGULATION					
Line Volts	±10%				
Lamp Watts	±14%				
LINE CURRENT(Amps)					
Operating		9.50	5.50	4.75	4.20
Open Circuit		4.80	2.75	2.40	2.05
Starting		7.20	4.15	3.60	3.10
RECOMMENDED FUSE (Amps)		25	15	12	10
TEMPERATURE RATINGS					
Insulation Class	H				
Coil Temperature Code		C	B	C	C
Benchtop Coil Rise		83.8	77.8	81.8	80.5
Power Factor (Min)	90%				
Input Watts	1100 W				
Efficiency					
CURRENT CREST FACTOR	1.65				
NOM. OPEN CIRCUIT VOLTAGE	425				
INPUT VOLTAGE AT LAMP DROPOUT		95	170	190	220
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				
Secondary Current Max	7.60				
Input Current Min		5.20	3.15	2.60	2.35
Input Current Max		8.20	4.80	4.10	3.55
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:

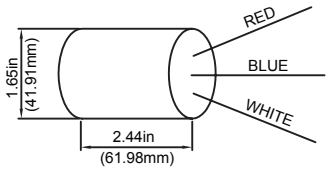
Microfarads:	26.0 uf
Volts (Max):	540 V
Case Temp(Max):	100°C
H:	4.75 in
Y:	2.00 in
Z:	2.12 in

Ignitor:

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

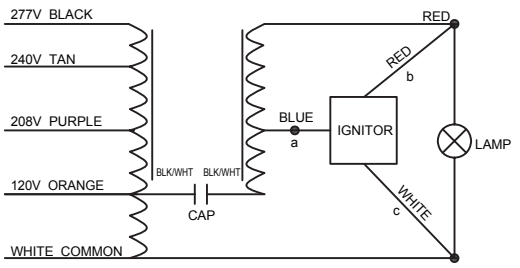


Oil-Filled Capacitor



Wiring Diagram:

c UL 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 representitive of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

Coil material: Al/Al

Fanlight Corporation, Inc 2000 S. Grove Ave, Bldg B Ontario, CA 91761
T: 1.888.758.7443 T: 1.909.930.6868 F: 1.909.930.9988 www.plusriteusa.com