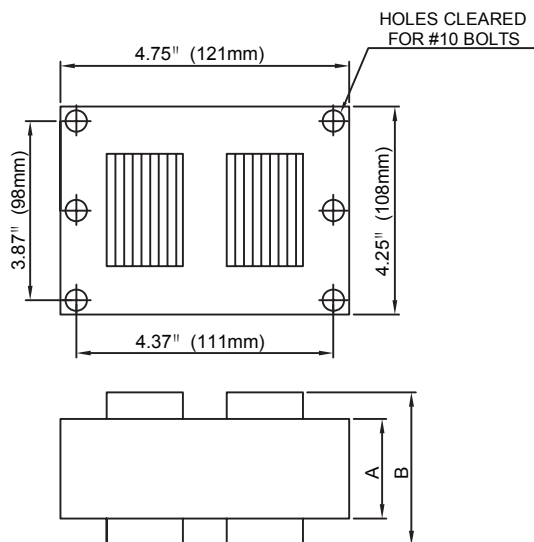


Plusrite®

CATALOG NUMBER: BALU400-CWA/V5**400W S51****High Pressure Sodium Lamp Ballast**
60 Hz CWA**4X4 CORE- HX, CWA & CWI UNITS**

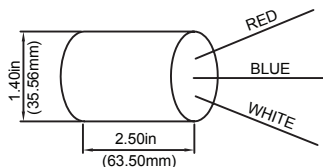
Input Volts		120	208	240	277	480
Circuit Type	CWA					
REGULATION						
Line Volts	±10%					
Lamp Watts	±13%					
LINE CURRENT(Amps)						
Operating		3.80	2.20	1.90	1.70	0.96
Open Circuit		1.50	0.85	0.75	0.65	0.44
Starting		3.70	2.15	1.85	1.60	0.90
RECOMMENDED FUSE (Amps)		10	7	6	5	4
TEMPERATURE RATINGS						
Insulation Class	H					
Coil Temperature Code	C	C	D	C	C	
Benchtop Coil Rise	83.8	84.2	85.9	82.3	82.3	
Power Factor (Min)	90%					
Input Watts	460 W					
Current Crest Factor	1.60					
NOM. OPEN CIRCUIT VOLTAGE	195					
INPUT VOLTAGE AT LAMP DROPOUT		90	155	180	205	335
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	6.25					
Secondary Current	7.65					
Max						
Input Current		3.00	1.70	1.50	1.30	0.67
Min						
Max		4.50	2.60	2.25	1.95	1.00
CORE and COIL Specifications						
Dimension A (in)	2.75					
Dimension B (in)	4.33					
Weight (lbs)	14.0					
Lead Lengths (in)	12					
CAPACITOR REQUIREMENT						
Microfarads	55.0 uf					
Volts (Min)	240 V					

Capacitor:

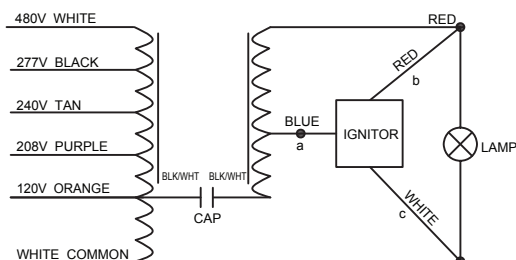
Microfarads: 55.0 uf
Volts (Min): 240 V
Case Temp(Max): 100°C
D: 1.97 in
L: 3.94 in
A: 0.79 in

Ignitor:

Temp: 105 °C
BTL: 2 ft



Dry Type Capacitor with Leads

Wiring Diagram:**cAL[®] 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