Plusrite®

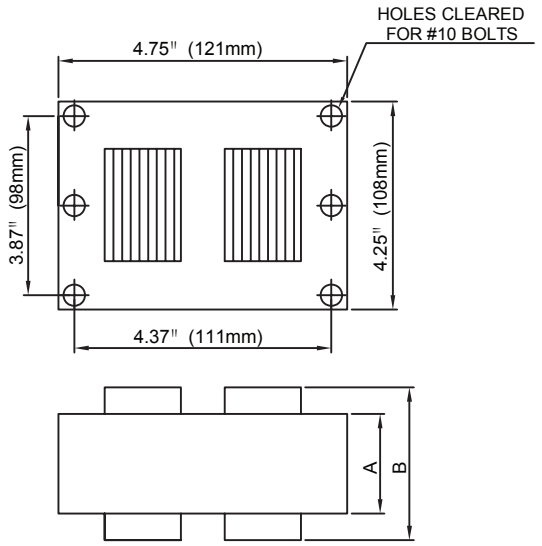
CATALOG NUMBER: BALU250-CWA/V5

250W S50

High Pressure Sodium Lamp Ballast

60 Hz CWA

4X4 CORE - HX, CWA & CWI UNITS



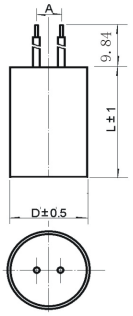
Input Volts / Circuit Type		120	208	240	277	480
	CWA					
REGULATION						
Line Volts	±10%					
Lamp Watts	±13%					
LINE CURRENT(Amps)						
Operating		2.50	1.45	1.25	1.10	0.66
Open Circuit		1.90	1.10	0.95	0.85	0.45
Starting		1.80	1.00	0.90	0.75	0.36
RECOMMENDED FUSE (Amps)		7	4	4	3	2
TEMPERATURE RATINGS						
Insulation Class	H					
Coil Temperature Code	B					
Benchtop Coil Rise		77.4	79.3	79.1	77.9	77.9
Power Factor (Min)	90%					
Input Watts	295 W					
Current Crest Factor						
NOM. OPEN CIRCUIT VOLTAGE	195					
INPUT VOLTAGE AT LAMP DROPOUT		85	145	170	195	323
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)						
Secondary Current Min	3.80					
Secondary Current Max	4.70					
Input Current Min		1.25	0.70	0.60	0.50	0.19
Input Current Max		1.90	1.10	0.95	0.85	0.28
CORE and COIL Specifications						
Dimension A (in)	2.16					
Dimension B (in)	3.74					
Weight (lbs)	11.0					
Lead Lengths (in)	12					
CAPACITOR REQUIREMENT						
Microfarads	35.0 uf					
Volts (Min)	240 V					

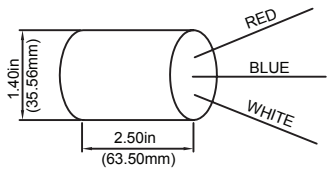
Capacitor:

Microfarads:	35.0 uf
Volts (Min):	240 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

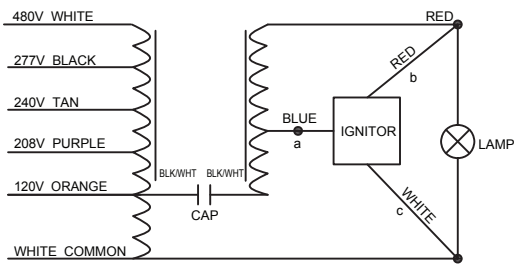




Dry Type Capacitor with Leads

Wiring Diagram:

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

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