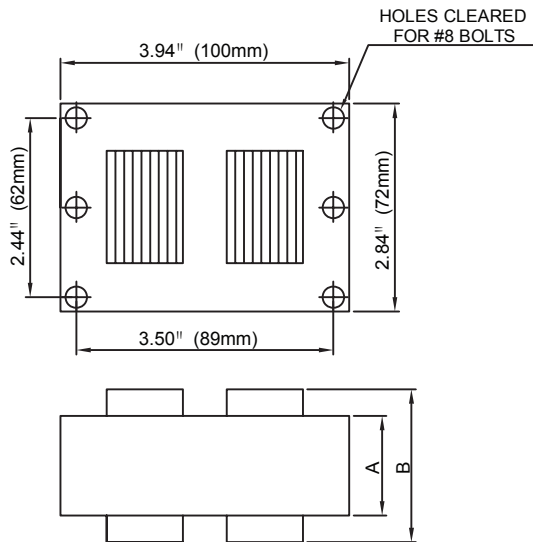


Plusrite®

CATALOG NUMBER: BALU50-HX/V2**50W S68****High Pressure Sodium Lamp Ballast
60 Hz HX-HPF****3X4 CORE - HX, CWA & CWI UNITS**

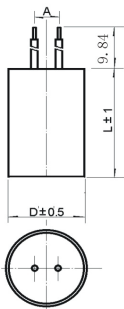
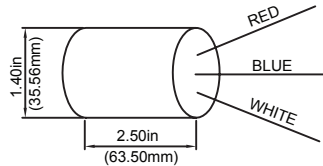
Input Volts	120	277		
Circuit Type	HX-HPF			
REGULATION				
Line Volts	±5%	±5%		
Lamp Watts	±10%	±10%		
LINE CURRENT(Amps)				
Operating	0.60	0.25		
Open Circuit	1.00	0.45		
Starting	0.45	0.20		
RECOMMENDED FUSE (Amps)	3	1		
TEMPERATURE RATINGS				
Insulation Class	H	H		
Coil Temperature Code	A	A		
Benchtop Coil Rise	48.7	49.9		
Power Factor (Min)	90%	90%		
Input Watts	66 W	66 W		
Efficiency				
NOM. OPEN CIRCUIT VOLTAGE	120	120		
INPUT VOLTAGE AT LAMP DROPOUT	95	200		
MIN AMBIENT STARTING TEMP	-40°F/-40°C	-40°F/-40°C		

Capacitor:

Microfarads: 5.0 uf
Volts (Min): 280V
Case Temp(Max): 100°C
D: 1.38 in
L: 2.76 in
A: 0.63 in

Ignitor:

Temp: 105 °C
BTL : 5 ft



Dry Type Capacitor with Leads

60 HZ TEST PROCEDURES**High Potential Test (Volts)**

1 Minute

2,000 V 2,000 V

1 Second

2,500 V 2,500 V

Open Circuit Voltage Test (V)

105-135 105-135

Short Circuit Current Test (A)

Secondary Current

Min

1.35 1.35

Max

1.65 1.65

Input Current

Min

0.25 0.15

Max

0.45 0.25

CORE and COIL Specifications

Dimension A (in)

1.00 1.00

Dimension B (in)

2.40 2.40

Weight (lbs)

3.6 3.6

Lead Lengths (in)

12 12

CAPACITOR REQUIREMENT

Microfarads

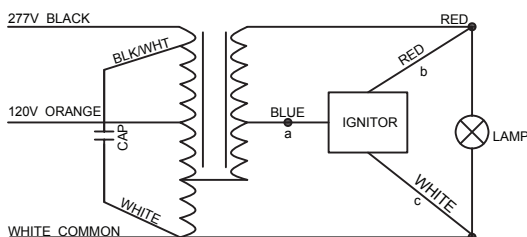
5.0 uf 5.0 uf

Volts (Min)

280 V 280 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