Plusrite®

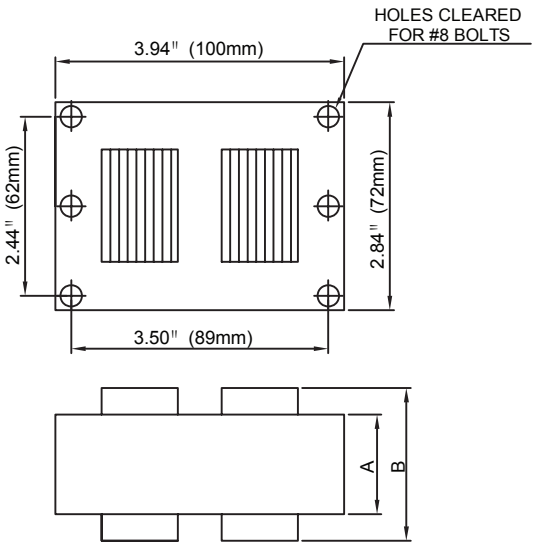
CATALOG NUMBER: BALU100-HX/V4

100W S54

High Pressure Sodium Lamp Ballast

60 Hz HX-HPF

3X4CORE - HX,CWA & CWI UNITS



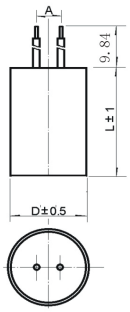
		120	208	240	277
Input Volts					
Circuit Type	HX-HPF				
REGULATION					
Line Volts	±5%				
Lamp Watts	±10%				
LINE CURRENT(Amps)					
Operating		1.10	0.60	0.55	0.45
Open Circuit		2.10	1.20	1.05	0.90
Starting		0.90	0.55	0.45	0.40
RECOMMENDED FUSE (Amps)		6	3	3	3
TEMPERATURE RATINGS					
Insulation Class		H	H	H	H
Coil Temperature Code		A	A	A	A
Benchtop Coil Rise					
Power Factor (Min)	90%				
Input Watts	126 W				
Current Crest Factor	1.50				
NOM. OPEN CIRCUIT VOLTAGE	130				
INPUT VOLTAGE AT LAMP DROPOUT		90	160	180	210
MIN AMBIENT STARTING TEMP	-20°F/-30°C				
60 HZ TEST PROCEDURES					
High Potential Test (Volts)					
1 Minute	2,000 V				
1 Second	2,500 V				
Open Circuit Voltage Test (V)	115 - 145				
Short Circuit Current Test (A)					
Secondary Current Min	2.50				
Secondary Current Max	2.80				
Input Current Min		0.70	0.40	0.35	0.30
Input Current Max		1.00	0.60	0.50	0.45
CORE and COIL Specifications					
Dimension A (in)	2.00				
Dimension B (in)	3.45				
Weight (lbs)	5.9				
Lead Lengths (in)	12				
CAPACITOR REQUIREMENT					
Microfarads	10.0 uf				
Volts (Min)	280 V				

Capacitor:

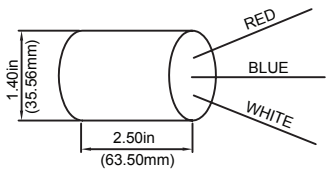
Microfarads:	10.0 uf
Volts (Min):	280 V
Case Temp(Max):	100°C
D:	1.38 in
L:	2.76 in
A:	0.63 in

Ignitor:

Temp:	105 °C
BTL :	2 ft

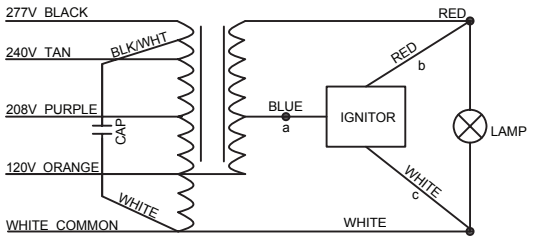


Dry Type Capacitor with Leads



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: Cu/Al

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