Plusrite®

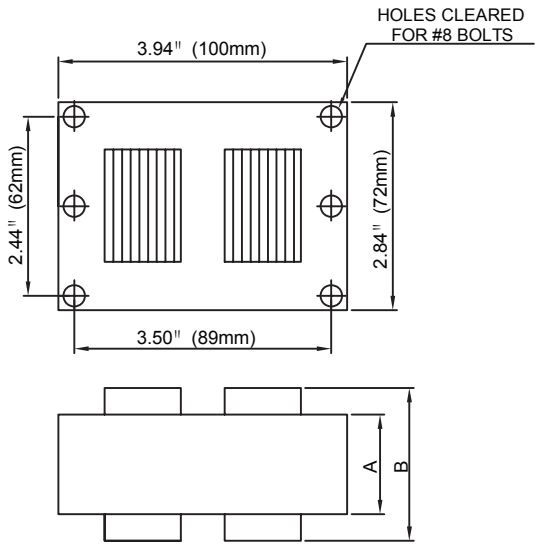
CATALOG NUMBER: BALU100-HX/V3

100W S54

High Pressure Sodium Lamp Ballast

60 Hz HX-HPF

3X4CORE-HX,CWA&CWIUNITS



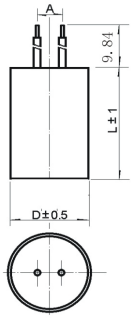
Input Volts		120	277	347
Circuit Type	HX-HPF			
REGULATION				
Line Volts	±5%			
Lamp Watts	±10%			
LINE CURRENT(Amps)				
Operating		1.10	0.48	0.41
Open Circuit		2.10	0.90	0.80
Starting		0.90	0.40	0.31
RECOMMENDED FUSE (Amps)		6	3	3
TEMPERATURE RATINGS				
Insulation Class		H	H	H
Coil Temperature Code		E	G	F
Benchtop Coil Rise				
Power Factor (Min)	90%			
Input Watts	128 W			
Current Crest Factor	1.60			
NOM. OPEN CIRCUIT VOLTAGE	126			
INPUT VOLTAGE AT LAMP DROPOUT		90	210	260
MIN AMBIENT STARTING TEMP	-40°F/-40°C			
60 HZ TEST PROCEDURES				
High Potential Test (Volts)				
1 Minute	2,000 V			
1 Second	2,500 V			
Open Circuit Voltage Test (V)	105 - 135			
Short Circuit Current Test (A)				
Secondary Current Min	2.60			
Secondary Current Max	2.86			
Input Current Min		0.88	0.38	0.32
Input Current Max		0.95	0.43	0.36
CORE and COIL Specifications				
Dimension A (in)	2.01			
Dimension B (in)	3.45			
Weight (lbs)	5.8			
Lead Lengths (in)	12			
CAPACITOR REQUIREMENT				
Microfarads	10.0 uf			
Volts (Min)	280 V			

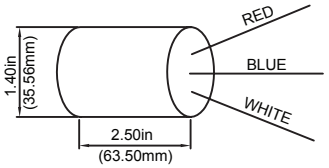
Capacitor:

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

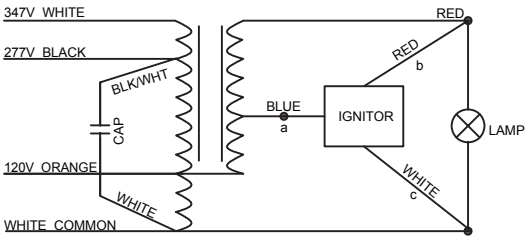




Dry Type Capacitor with Leads

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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