Plusrite®

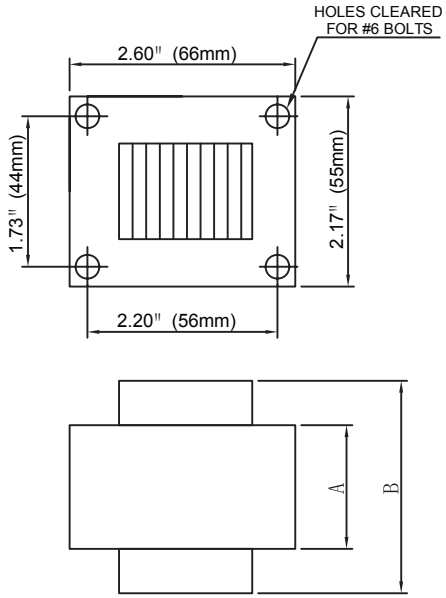
CATALOG NUMBER: BALU100-R/V120

100W S54

High Pressure Sodium Lamp Ballast

60 Hz Reactor-HPF

0.75EI CORE.WMF



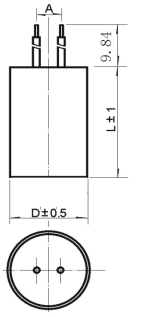
Input Volts	120				
Circuit Type R-HPF					
REGULATION					
Line Volts	±5%				
Lamp Watts	±10%				
LINE CURRENT(Amps)					
Operating	1.10				
Open Circuit	1.80				
Starting	0.90				
RECOMMENDED FUSE (Amps)	4				
TEMPERATURE RATINGS					
Insulation Class	180 (H)				
Coil Temperature Code	F				
Benchtop Coil Rise					
Power Factor (Min)	90%				
Input Watts	116 W				
Efficiency					
NOM. OPEN CIRCUIT VOLTAGE	120				
INPUT VOLTAGE AT LAMP DROPOUT	79.5				
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)	110-135				
Short Circuit Current Test (A)					
Secondary Current Min	2.60				
Secondary Current Max	2.86				
Input Current Min					
Input Current Max					
CORE and COIL Specifications					
Dimension A (in)	1.97				
Dimension B (in)	3.15				
Weight (lbs)	2.70				
Lead Lengths (in)	12				
CAPACITOR REQUIREMENT					
Microfarads	38.0 uf				
Volts (Min)	150 V				

Capacitor:

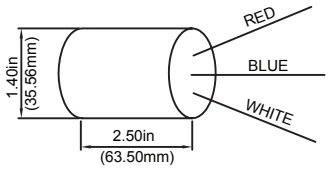
Microfarads:	38.0 uf
Volts (Min):	150 V
Case Temp(Max):	100°C
D:	1.77 in
L:	3.66 in
A:	0.63 in

Ignitor:

Case Temp (Max):	105 °C
BTL Distance (Max):	2 ft

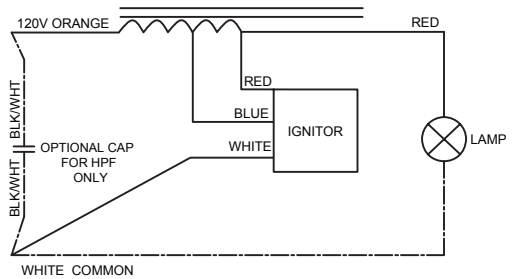


Dry Type Capacitor with Leads



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

Fanlight Corporation, Inc 2000 S. Grove Ave, Bldg B Ontario, CA 91761
T: 1.888.758.7443 T: 1.909.930.6868 F: 1.909.930.9988 www.plusriteusa.com