Plusrite®

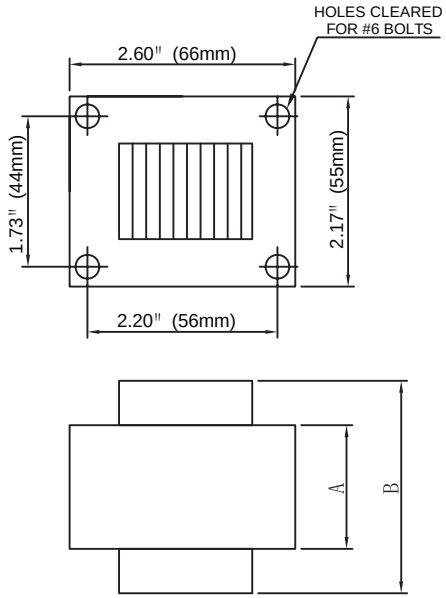
CATALOG NUMBER: BALU50-R/V120

50W S68

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		0.54			
Open Circuit		0.90			
Starting		0.45			
RECOMMENDED FUSE (Amps)		3			
TEMPERATURE RATINGS					
Insulation Class		180 (H)			
Coil Temperature Code		A			
Benchtop Coil Rise					
Power Factor (Min)		90%			
Input Watts		59.3 W			
Efficiency		80.3			
NOM. OPEN CIRCUIT VOLTAGE		120			
INPUT VOLTAGE AT LAMP DROPOUT		95			
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	1.41			
	Max	1.53			
Input Current	Min				
	Max				
CORE and COIL Specifications					
Dimension A (in)		1.18			
Dimension B (in)		2.36			
Weight (lbs)		1.70			
Lead Lengths (in)		12			
CAPACITOR REQUIREMENT					
Microfarads		20.0 uf			
Volts (Min)		150 V			

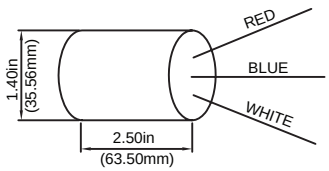
Capacitor:

Microfarads:	20.0 uf
Volts (Max):	150 V
Case Temp(Max):	100°C
D:	1.57 in
L:	2.76 in
A:	0.63 in

Ignitor:

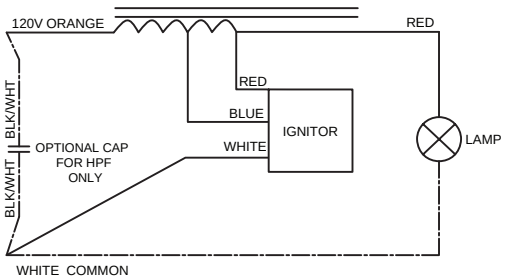
Case Temp (Max):	105 °C
BTL Distance (Max):	2 ft

Oil-Filled Capacitor



Wiring Diagram:

c UL us **RoHS**



ORDERING INFORMATION

The ballast is prewired 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