

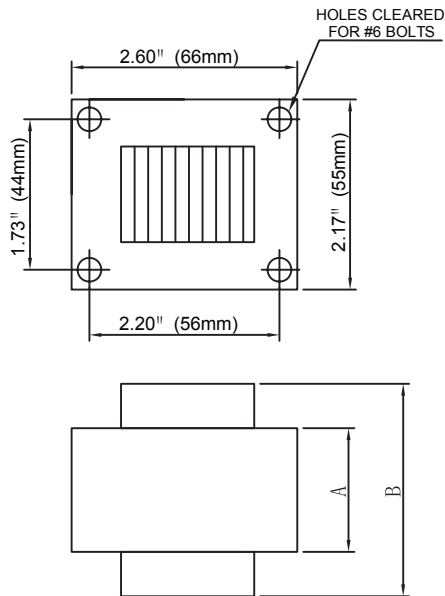
Plusrite®

CATALOG NUMBER: BALU50-R/V120

50W S68

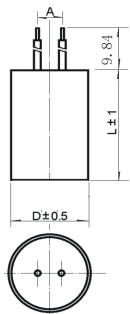
High Pressure Sodium Lamp Ballast
60 Hz Reactor-HPF

0.75EI CORE.WMF



Capacitor:

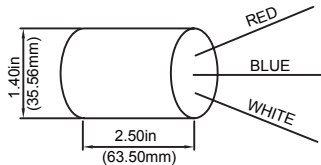
Microfarads: 20.0 uf
Volts (Min): 150 V
Case Temp(Max): 100°C
D: 1.57 in
L: 2.76 in
A: 0.63 in



Dry Type Capacitor with Leads

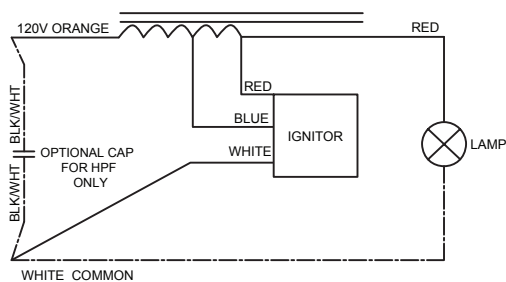
Ignitor:

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



Wiring Diagram:

cALUS RoHS



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			

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: Al