Plusrite®

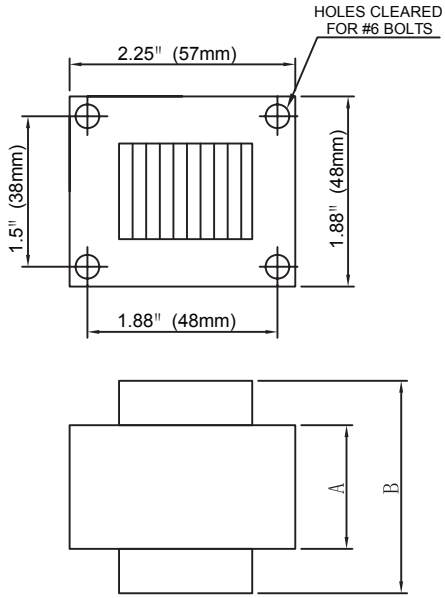
CATALOG NUMBER: BALU35-R/V120

35W S76

High Pressure Sodium Lamp Ballast

60 Hz Reactor-HPF

0.75EI CORE.WMF



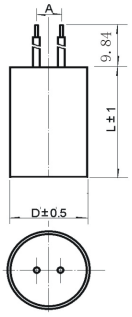
Input Volts		120			
Circuit Type	R-HPF				
REGULATION					
Line Volts		±5%			
Lamp Watts		±12%			
LINE CURRENT(Amps)					
Operating		0.40			
Open Circuit		0.65			
Starting		0.50			
RECOMMENDED FUSE (Amps)		2			
TEMPERATURE RATINGS					
Insulation Class		180 (H)			
Coil Temperature Code		A			
Benchtop Coil Rise					
Power Factor (Min)		90%			
Input Watts		45 W			
Efficiency					
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	1.00			
	Max	1.25			
Input Current	Min	0.35			
	Max	0.65			
CORE and COIL Specifications					
Dimension A (in)		.90			
Dimension B (in)		2.15			
Weight (lbs)		2.0			
Lead Lengths (in)		12			
CAPACITOR REQUIREMENT					
Microfarads		16.0 uf			
Volts (Min)		120 V			

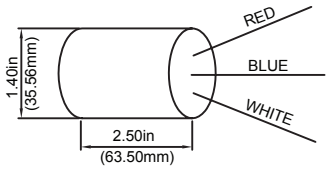
Capacitor:

Microfarads:	16.0 uf
Volts (Min):	120 V
Case Temp(Max):	100°C
D:	1.57 in
L:	2.76 in
A:	0.63 in

Ignitor:

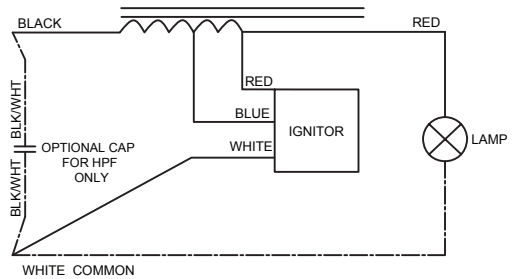
Case Temp (Max):	105 °C
BTL Distance (Max):	12 ft





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

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