

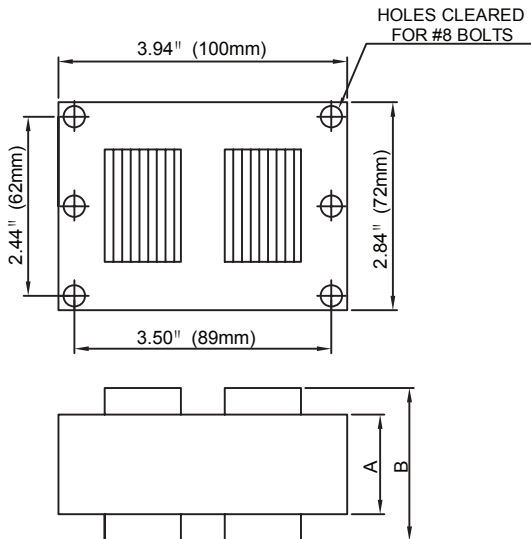
Plusrite®

CATALOG NUMBER: BAPS100-HX/V3

100W M90

Pulse Start Metal Halide Lamp Ballast
60 Hz HX-HPF

3X4 CORE.WMF



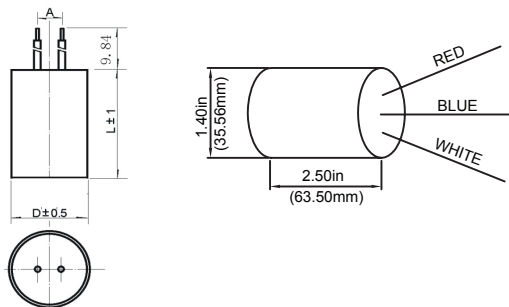
Input Volts		120	277	347
Circuit Type	HX-HPF			
REGULATION				
Line Volts	±5%			
Lamp Watts	±8%			
LINE CURRENT(Amps)				
Operating		1.15	0.51	0.40
Open Circuit		2.90	1.30	1.00
Starting		1.00	0.45	0.34
RECOMMENDED FUSE (Amps)		4	2	2
TEMPERATURE RATINGS				
Insulation Class	180 (H)			
Coil Temperature Code		K	I	G
Benchtop Coil Rise				
Power Factor (Min)	90%			
Input Watts	130W			
Efficiency				
NOM. OPEN CIRCUIT VOLTAGE		275		
INPUT VOLTAGE AT LAMP DROPOUT		80	185	232
MIN AMBIENT STARTING TEMP		-20°F/-30°C		

Capacitor:

Microfarads: 12.0 uf
Volts (Min): 280 V
Case Temp(Max): 100°C
D: 1.57in
L: 2.76 in
A: 0.63 in

Ignitor:

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



Dry Type Capacitor with Leads

60 HZ TEST PROCEDURES

High Potential Test (Volts)			
1 Minute	2,000 V		
1 Second	2,500 V		
Open Circuit Voltage Test (V)			
	267 - 285		
Short Circuit Current Test (A)			
Secondary Current	Min	1.30	
	Max	1.49	
Input Current	Min	0.80	0.50
	Max	1.20	1.00

CORE and COIL Specifications

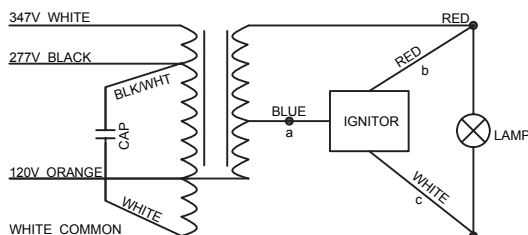
Dimension A (in)	1.71
Dimension B (in)	3.10
Weight (lbs)	5.1
Lead Lengths (in)	12

CAPACITOR REQUIREMENT

Microfarads	12.0 uf
Volts (Min)	280 V

Wiring Diagram:

UL® 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 representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

Coil material: Cu/Al