Plusrite®

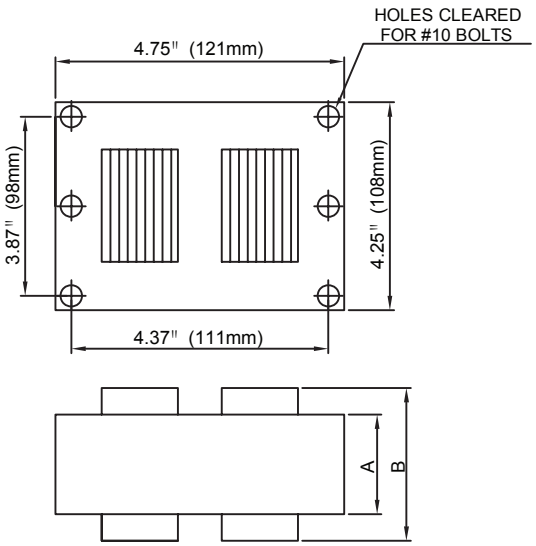
CATALOG NUMBER: BAPS350-CWA/V3

350W M131

Pulse Start Metal Halide Lamp Ballast

60 Hz CWA

4X4 CORE - HX, CWA CWI UNITS



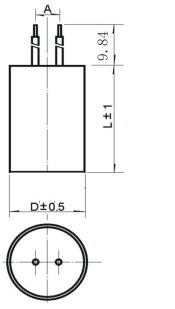
Input Volts		120	277	347
Circuit Type	CWA			
REGULATION				
Line Volts	±10%			
Lamp Watts	±10%			
LINE CURRENT(Amps)				
Operating		3.38	1.47	1.17
Open Circuit		3.10	1.36	1.23
Starting		2.51	1.10	0.93
RECOMMENDED FUSE (Amps)		9	4	3
TEMPERATURE RATINGS				
Insulation Class	180 (H)			
Coil Temperature Code		D	D	E
Benchtop Coil Rise		75.9	82.2	82.2
Power Factor (Min)	90%			
Input Watts	400W			
Efficiency	88%			
NOM. OPEN CIRCUIT VOLTAGE	291			
INPUT VOLTAGE AT LAMP DROPOUT		85	198	243
MIN AMBIENT STARTING TEMP	-20°F/-30°C			
60 HZ TEST PROCEDURES				
High Potential Test (Volts)				
1 Minute	1,600 V			
1 Second	1,900 V			
Open Circuit Voltage Test (V)	215 - 275			
Short Circuit Current Test (A)				
Secondary Current Min	3.25			
Secondary Current Max	3.95			
Input Current Min		2.50	1.10	0.87
Input Current Max		3.80	1.70	1.32
CORE and COIL Specifications				
Dimension A (in)	2.00			
Dimension B (in)	3.80			
Weight (lbs)	10.5			
Lead Lengths (in)	12			
CAPACITOR REQUIREMENT				
Microfarads	24.0uf			
Volts (Min)	330 V			

Capacitor:

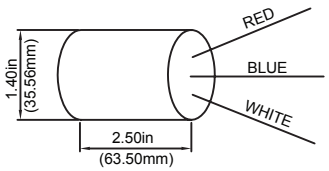
Microfarads:	24.0 uf
Volts (Min):	330 V
Case Temp(Max):	100°C
D:	1.77 in
L:	3.66 in
A:	0.71 in

Ignitor:

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

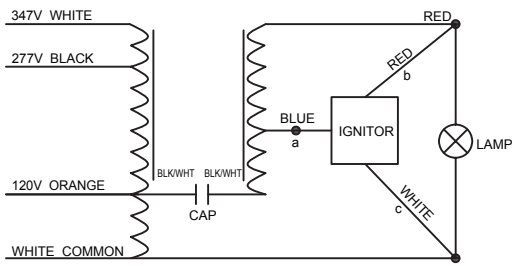


Dry Type Capacitor with Leads



Wiring Diagram:

cULus 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/Al

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