Plusrite®

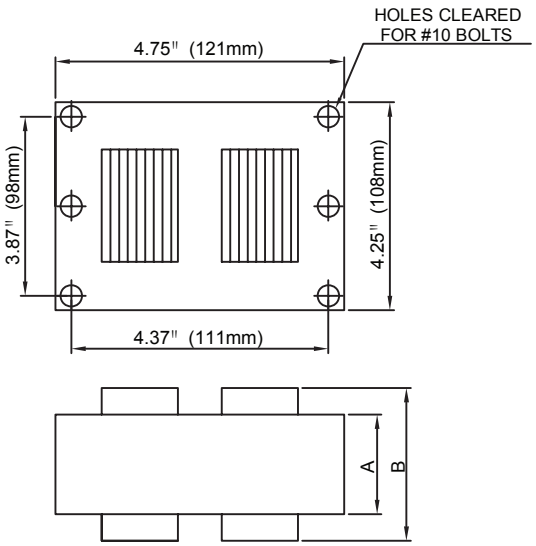
CATALOG NUMBER: BAPS320-CWA/V5

320W M132 / M154

Pulse Start Metal Halide Lamp Ballast

60 Hz CWA

4X4 CORE - HX, CWA CWI UNITS



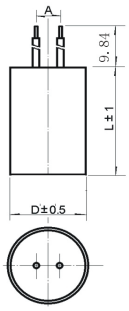
Input Volts / Circuit Type		120	208	240	277	480
	CWA					
REGULATION						
Line Volts	±10%					
Lamp Watts	±9%					
LINE CURRENT(Amps)						
Operating		3.10	1.80	1.55	1.35	0.80
Open Circuit		1.60	0.95	0.80	0.75	0.60
Starting		2.60	1.50	1.35	1.15	0.60
RECOMMENDED FUSE (Amps)		8	5	4	4	3
TEMPERATURE RATINGS						
Insulation Class	180 (H)					
Coil Temperature Code		B	B	B	C	C
Benchtop Coil Rise		75.8	78.8	78.4	80.0	80.0
Power Factor (Min)	90%					
Input Watts	364 W					
Efficiency	88%					
NOM. OPEN CIRCUIT VOLTAGE	280					
INPUT VOLTAGE AT LAMP DROPOUT		70	120	140	155	240
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)	250 - 305					
Short Circuit Current Test (A)						
Secondary Current Min	3.05					
Secondary Current Max	3.70					
Input Current Min		2.00	1.20	1.00	0.90	0.45
Input Current Max		3.05	1.75	1.50	1.35	0.75
CORE and COIL Specifications						
Dimension A (in)	2.00					
Dimension B (in)	3.58					
Weight (lbs)	10.0					
Lead Lengths (in)	12					
CAPACITOR REQUIREMENT						
Microfarads	22.0uf					
Volts (Min)	330 V					

Capacitor:

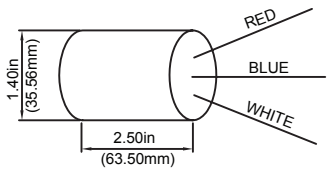
Microfarads:	22.0 uf
Volts (Min):	330 V
Case Temp(Max):	100°C
D:	1.77 in
L:	3.66 in
A:	0.71 in

Ignitor:

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

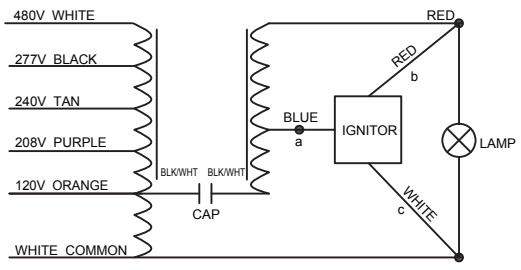


Dry Type Capacitor with Leads



Wiring Diagram:

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/Al

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