P320MLTAC4M

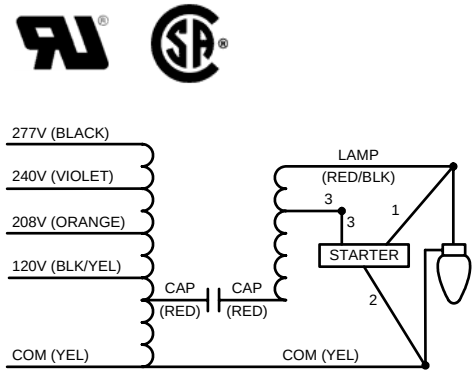
320W M154 / M132

Pulse Start Metal Halide

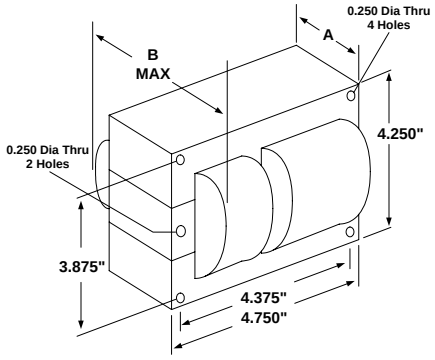
60Hz CWA

Specification Sheet

Input Volts	120	208	240	277	
Regulation					
Line Volts	±10%	±10%	±10%	±10%	
Lamp Watts	±10%	±10%	±10%	±10%	
Power Factor (min)	90%	90%	90%	90%	
Input Watts	368 W	368 W	368 W	368 W	
NOM. Open Circuit Voltage	275 V	275 V	275 V	275 V	
Line Current (Amps)					
Operating	3.25	1.92	1.63	1.44	
Open Circuit	3.75	2.15	1.85	1.60	
Starting	1.25	0.70	0.60	0.55	
Recommended Fuse (Amps)	9	5	5	4	
Lamp Dropout Voltage (Line)	60 V	100 V	115 V	135 V	
UL Temperature Ratings					
Insulation Class	H (180°C)	H (180°C)	H (180°C)	H (180°C)	
Temperature Code	A	A	A	A	
MIN. Starting Temperature	-22°F -30°C	-22°F -30°C	-22°F -30°C	-22°F -30°C	
CAPACITOR Specifications					
Microfarads	20.5 uf	20.5 uf	20.5 uf	20.5 uf	
Volts (min.)	360 V	360 V	360 V	360 V	
60Hz Test Procedures					
High Potential Test 1 Minute	2000 V	2000 V	2000 V	2000 V	
High Potential Test 1 Second	2500 V	2500 V	2500 V	2500 V	
Secondary Open Ckt Voltage (V)	245 - 305	245 - 305	245 - 305	245 - 305	
Secondary Current Shorted (A)	2.95 - 3.70	2.95 - 3.70	2.95 - 3.70	2.95 - 3.70	
Input Operating Current (A)	2.90 - 3.60	1.70 - 2.15	1.45 - 1.80	1.25 - 1.60	
Input Open Circuit Current (A)	2.05 - 5.86	1.25 - 3.58	1.00 - 2.86	0.93 - 2.65	
Input Short Circuit Current (A)	0.68 - 1.10	0.36 - 0.60	0.30 - 0.55	0.25 - 0.50	
Core and Coil Specifications					
Dimension A	2.00 in	2.00 in	2.00 in	2.00 in	
Dimension B	3.86 in	3.86 in	3.86 in	3.86 in	
Weight	11.0 lbs	11.0 lbs	11.0 lbs	11.0 lbs	
Lead Lengths (inches)	12-14	12-14	12-14	12-14	
Coil Material (Pri. / Sec.):	Al / Cu	Al / Cu	Al / Cu	Al / Cu	



Wiring Diagram



Reference Drawing

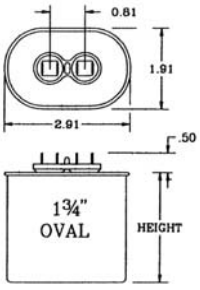
Document #:	010-9670-04
Date:	4/19/2007
Status:	Production
Replaces Catalog #:	New Design

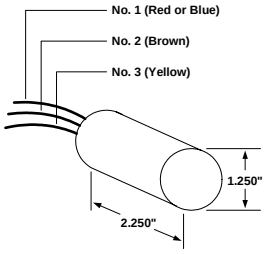
Capacitor: 005-3262-MF

Temp Rating:	90 °C
Height:	3.60 in
Width / Diameter:	2.91 in

Ignitor: MH350-1A

Max Case Temp	105 °C
BTL:	10 ft





For alternate capacitor construction consult sales

Data is based upon tests performed by Universal Lighting Technologies in a controled environment and is representive of relative performance. Actual performance may vary depending on operating conditions. Specifications are subject to change without notice.

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