

# TECHNICAL SPECIFICATION SHEET

100 WATT, MH M90, HX-HPF  
BALLAST E-MZAXXX100, 60Hz

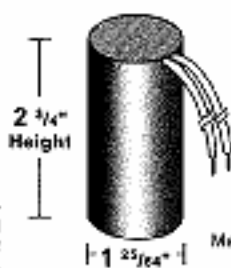
## CAPACITOR

RATING 10 MFD±3%  
280 VAC, MIN

Dry Film Capacitors  
Thermal Plastic Case

Dry film capacitor contains  
no oil; are furnished  
with 12" leads and  
includes discharge  
resistor.

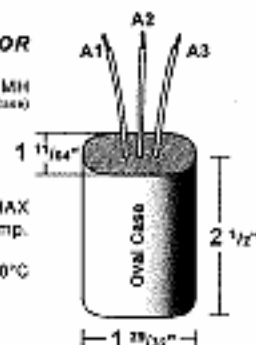
Max. case temp. 110°C



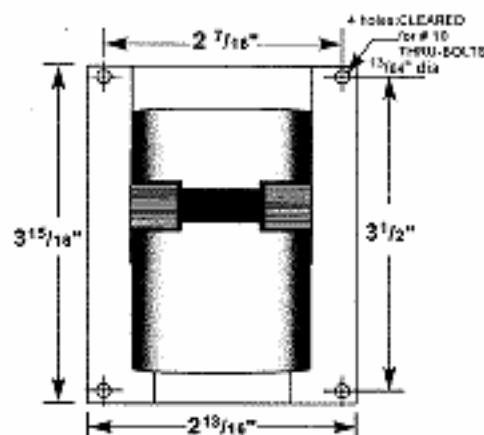
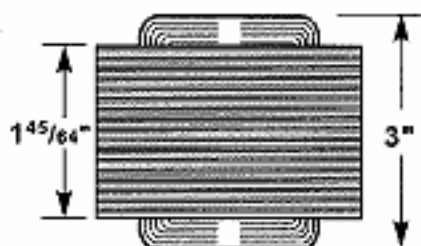
## IGNITOR

356-AS-100 MH  
(Thermal Plastic Case)

2 F.T. MAX  
Distance to lamp.  
Max. case temp. 110°C



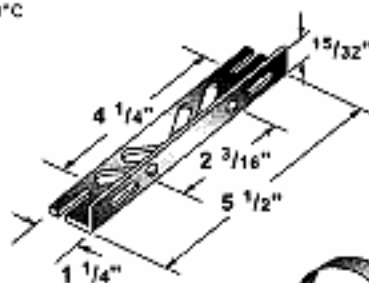
(3" x 4" CORE)



SOLA ballast leads wires are properly identified indicating  
on their surfaces the input voltages. ALL LEAD LENGTHS:  
12 INCHES

## BRACKET

CORE & COIL  
MOUNTING BRACKET



KB38  
Mounting bracket for  
Core & Coil Ballasts  
(1 bracket with thru bolts)

C-01

MOUNTING CLIP for round  
case (Furnished as standard  
with B suffix ballasts)

I-01

MOUNTING CLIP for oval  
case (Furnished as standard with B  
suffix ballasts)

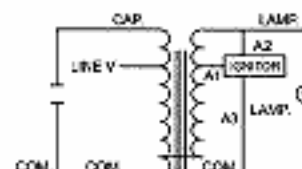
## ELECTRICAL CHARACTERISTICS

INPUT VOLTAGE RANGE  
POWER FACTOR  
LAMP POWER REG.  
MIN. STARTING TEMP.

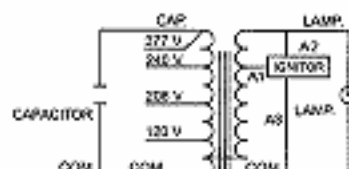
±5%  
HIGH  
±12%  
-20°C



File No. E182278



SINGLE VOLTAGE



MULTI VOLTAGE  
120/208/240/277  
VOLT CONNECTION

Line Voltage	Catalog Number	Circuit Type	Input Watts	Line Current (AMPS)			Open Circuit Voltage	Drop Out Voltage	Fuse	Ballast Net Weight (lbs)	UL Bench Top Rise Code 1029
				Operating	Open Circuit	Starting					
120/277	E-MZA00FT100	HX-HPF	130	1.16/0.50	2.16/0.95	1.60/0.47	250	75/165	5/3	6.0	B
208	E-MZA00R100	HX-HPF	130	0.87	1.3	0.79	250	130	4	8.0	A
240	E-MZA00M100	HX-HPF	130	0.58	1.1	0.57	250	150	4	6.0	A
277	E-MZA00T100	HX-HPF	130	0.50	0.95	0.47	250	165	3	8.0	A
120 or 208 or 240 or 277	E-MZA00W100	HX-HPF	130	1.16	2.3	1.58	250	75	5	6.0	
		HX-HPF	130	0.67	2.16	0.79	250	130	4	6.0	
		HX-HPF	130	0.58	1.1	0.57	250	150	3	8.0	B
		HX-HPF	130	0.50	0.95	0.47	250	165	3	6.0	

## ORDERING INFORMATION

\*\*\*Add proper suffix to catalog number when  
ordering as indicated below:

No suffix® Core and Coil and Ignitor Only

B= Core and Coil, Ignitor and Bracket

C= Core and Coil, Ignitor and Capacitor

BC= Core and Coil, Ignitor, Capacitor and Bracket

Lighting & Power Source

6054 Jerome Trail

Dallas, TX 75252

Toll Free: (888) 385-4448

Tel: (972) 248-3399 Fax: (972) 248-4748

Website: [www.ballastsource.com](http://www.ballastsource.com)

**ISB SOLA BASIC**  
BALLASTS