

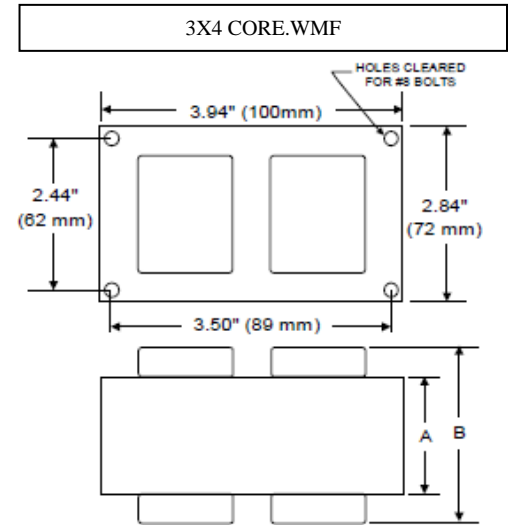


## BALLAST SPECIFICATIONS

# 250W M58

**Metal Halide**  
**S250M-4/3X4**  
**60 Hz CWA**

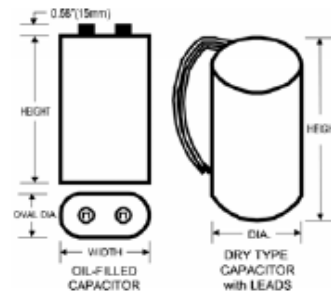
Input Volts	120	208	240	277
Line Current ( Amps )				
Operating	2.60	1.45	1.30	1.10
Open Circuit	1.90	1.00	0.95	0.80
Starting	2.00	1.20	1.00	0.85
Recommended Fuse (Amps)	8	5	5	3
Regulation				
Line Volts	±10%	±10%	±10%	±10%
Lamp Watts	±7%	±7%	±7%	±7%
Temperature Ratings				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	B	A	C	B
Benchtop Coil Rise	76.0	74.4	82.9	79.5
Power Factor (Min)	90%	90%	90%	90%
Input Watts	291 W	291 W	291 W	291 W
Efficiency				
NOM. Open Circuit Voltage	305	305	305	305
Input Voltage At Lamp Dropout	65	115	130	150
Min Ambient Starting Temp	-20°F/ -30°C	-20°F/ -30°C	-20°F/ -30°C	-20°F/ -30°C
60 Hz TEST PROCEDURES				
High Potential Test (Volts)				
1 Minute	1,600 V	1,600 V	1,600 V	1,600 V
1 Second	2,000 V	2,000 V	2,000 V	2,000 V
Open Circuit Voltage Test (V)	275 – 335	275 – 335	275 – 335	275 – 335
Short Circuit Current Test (A)				
Min	2.20	2.20	2.20	2.20
Secondary Current				
Max	2.70	2.70	2.70	2.70
Min	1.60	0.90	0.80	0.70
Input Current				
Max	2.50	1.40	1.25	1.10
CORE and COIL Specifications				
Dimension (A)	2.80 in	2.80 in	2.80 in	2.80 in
Dimension (B)	4.20 in	4.20 in	4.20 in	4.20 in
Weight	85. lbs	85. lbs	85. lbs	85. lbs
Lead Lengths	12"	12"	12"	12"
Capacitor Requirement				
Microfarads	15.0 uf	15.0 uf	15.0 uf	15.0 uf
Volts (Min)	360 V	360 V	360 V	360 V



Capacitor: CA15400 / CA15400DL

Ignitor: None

Microfarads: 15.0 uf 15.0 uf  
 Volts (Max): 400 V 400 V  
 Case Temp (Max) 100 °C 100 °C  
 Height (Max): 2.75 in 3.68 in  
 Dia (Max): 1.97 in 1.80 in  
 Oval Width (Max): 2.97 in



**This Ballast Does Not Require An Ignitor**

