



## BALLAST SPECIFICATIONS

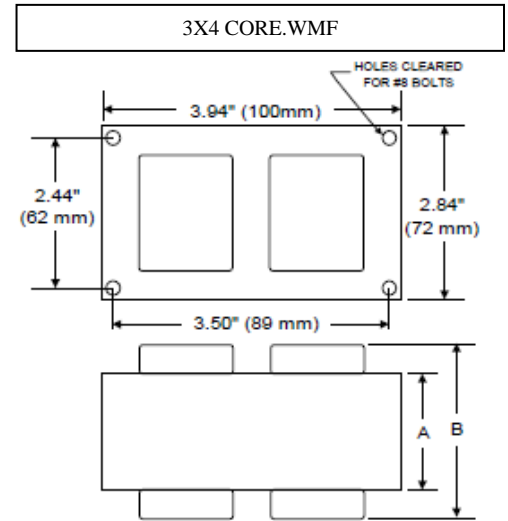
# 100W M90

## Pulse Start Metal Halide

### S100M-4

### 60 Hz HX-HPF

Input Volts	120	208	240	277
Line Current ( Amps )				
Operating	1.10	0.65	0.55	0.50
Open Circuit	2.60	1.50	1.30	1.15
Starting	1.00	0.60	0.50	0.45
Recommended Fuse (Amps)	7	4	4	3
Regulation				
Line Volts	±5%	±5%	±5%	±5%
Lamp Watts	±10%	±10%	±10%	±10%
Temperature Ratings				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	A	A	A	A
Benchtop Coil Rise	70.1	69.8	65.9	71.8
Power Factor (Min)				
Input Watts	90%	90%	90%	90%
Efficiency	125W	125W	125W	125W
NOM. Open Circuit Voltage	270	270	270	270
Input Voltage At Lamp Dropout	80	140	160	185
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	1,600V	1,600V	1,600V	1,600V
1 Second	1,900V	1,900V	1,900V	1,900V
Open Circuit Voltage Test (V)	240 – 300	240 – 300	240 – 300	240 – 300
Short Circuit Current Test (A)				
Min	1.20	1.20	1.20	1.20
Secondary Current				
Max	1.50	1.50	1.50	1.50
Min	0.40	0.25	0.20	0.15
Input Current				
Max	0.75	0.45	0.40	0.35
CORE and COIL Specifications				
Dimension (A)	1.70 in	1.70 in	1.70 in	1.70 in
Dimension (B)	3.10 in	3.10 in	3.10 in	3.10 in
Weight	5.2 lbs	5.2 lbs	5.2 lbs	5.2 lbs
Lead Lengths	12"	12"	12"	12"
Capacitor Requirement				
Microfarads	12.0 uf	12.0 uf	12.0 uf	12.0 uf
Volts (Min)	280V	280V	280V	280V



Capacitor: CA10280DL

Ignitor: SMH-2

Microfarads: 12.0 uf  
Volts (Max): 330 V  
Case Temp (Max): 100 °C  
Height (Max): 2.76 in  
Dia (Max): 1.62 in

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

