



## BALLAST SPECIFICATIONS

# 200W M136

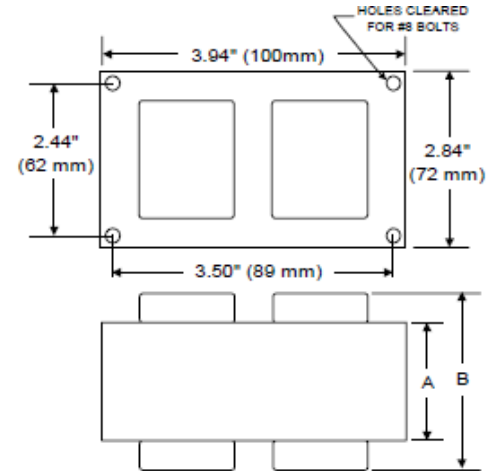
## Pulse Start Metal Halide

### S200M-4/PS

### 60 Hz HX – HPF

Input Volts	120	208	240	277
Line Current ( Amps )				
Operating	2.00	1.25	1.00	0.85
Open Circuit	3.30	2.05	1.65	1.45
Starting	2.10	1.15	1.10	0.75
Regulation				
Line Volts	±5%	±5%	±5%	±5%
Lamp Watts	±10%	±10%	±10%	±10%
UL Temperature Ratings				
Insulation Class	H	H	H	H
Coil Temperature Code	A	A	A	A
Benchtop Coil Rise	72.0	70.0	73.0	67.0
Input Watts	225W	225W	225W	225W
NOM. Open Circuit Voltage	285	285	285	285
Power Factor	90%	90%	90%	90%
Current Crest Factor	1.50	1.50	1.50	1.50
Input Voltage At Lamp Dropout	90	140	150	190
MIN. Ambient Starting Temp.	-40°F/ -40°C	-40°F/ -40°C	-40°F/ -40°C	-40°F/ -40°C
60 Hz TEST PROCEDURES				
High Potential Test (Volts)				
1 Minute	2,000 V	2,000 V	2,000 V	2,000 V
1 Second	2,500 V	2,500 V	2,500 V	2,500 V
Open Circuit Voltage Test (V)	255 – 315	255 – 315	255 – 315	255 – 315
Short Circuit Current Test (A)				
Min	1.90	1.90	1.90	1.90
Secondary Current				
Max	2.35	2.35	2.35	2.35
Min	1.60	1.05	0.80	2.35
Input Current				
Max	1.90	1.30	1.00	0.80
Recommended Fuse (Amps)	9	6	5	4
CORE and COIL Specifications				
Dimension (A)	2.25 in	2.25 in	2.25 in	2.25 in
Dimension (B)	3.90 in	3.90 in	3.90 in	3.90 in
Weight	7.0 lbs	7.0 lbs	7.0 lbs	7.0 lbs
Lead Lengths	12"	12"	12"	12"
Capacitor Requirement				
Microfarads	16.0 uf	16.0 uf	16.0 uf	16.0 uf
Volts (Min)	290 V	290 V	290 V	290 V

### 3X4 CORE – HX, CWA & CWI UNITS



Capacitor:	CA16330DL	Ignitor:	SMH-2
------------	-----------	----------	-------

Value:	16.0 uf	Temp:	105 °C
Temp Rating	100 °C	BTL:	2 ft
Height:	3.92 in		
Dia/Oval Dim	1.49 in		

