

## BALLAST SPECIFICATIONS

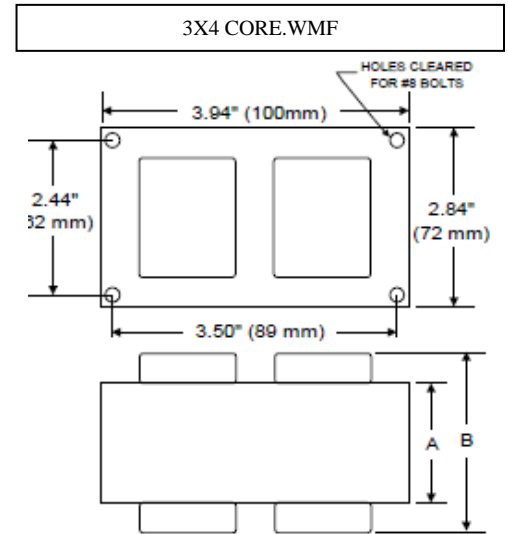
# 175W M137 / M152

## Pulse Start Metal Halide

### S175M-4/PS

### 60 Hz CWA

Input Volts	120	208	240	277
Line Current ( Amps )				
Operating	1.90	1.05	0.95	0.80
Open Circuit	1.00	0.60	0.50	0.45
Starting	1.00	0.60	0.50	0.45
Recommended Fuse (Amps)	5	3	3	2
Regulation				
Line Volts	±10%	±10%	±10%	±10%
Lamp Watts	±10%	±10%	±10%	±10%
Temperature Ratings				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	B	C	A	A
Benchtop Coil Rise	77.7	80.6	74.5	73.2
Power Factor (Min)	90%	90%	90%	90%
Input Watts	208 W	208 W	208 W	208 W
Efficiency	84%	84%	84%	84%
NOM. Open Circuit Voltage	265	265	265	265
Input Voltage At Lamp Dropout	70	120	140	160
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	1,900 V	1,900 V	1,900 V	1,900 V
Open Circuit Voltage Test (V)	240 – 290	240 – 290	240 – 290	240 – 290
Short Circuit Current Test (A)				
Min	1.85	1.85	1.85	1.85
Secondary Current				
Max	2.25	2.25	2.25	2.25
Min	0.70	0.40	0.35	0.30
Input Current				
Max	1.10	0.65	0.55	0.50
CORE and COIL Specifications				
Dimension (A)	2.63 in	2.63 in	2.63 in	2.63 in
Dimension (B)	3.75 in	3.75 in	3.75 in	3.75 in
Weight	8.0 lbs	8.0 lbs	8.0 lbs	8.0 lbs
Lead Lengths	12"	12"	12"	12"
Capacitor Requirement				
Microfarads	12.5 uf	12.5 uf	12.5 uf	12.5 uf
Volts (Min)	330 V	330 V	330 V	330 V



Capacitor: CA12.5330DL

Ignitor: SMH-2

Microfarads: 12.5 uf  
 Volts (Max): 330 V  
 Case Temp (Max): 100 °C  
 Height (Max): 3.16 in  
 Dia (Max): 1.61 in

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

