



BALLAST SPECIFICATIONS

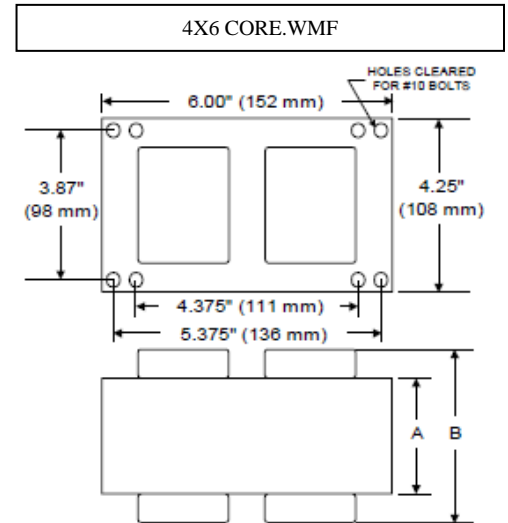
750W M149

Pulse Start Metal Halide

S750M-4/PS

60 Hz CWA

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	6.80	4.00	3.40	3.00
Open Circuit	4.60	2.60	2.30	2.00
Starting	4.80	2.80	2.40	2.10
Recommended Fuse (Amps)	17	10	9	8
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	B	B
Benchtop Coil Rise	75.9	81.6	75.9	78.2
Power Factor (Min)	90%	90%	90%	90%
Input Watts	815 W	815 W	815 W	815 W
Efficiency				
NOM. Open Circuit Voltage	370	370	370	370
Input Voltage At Lamp Dropout	60	105	120	140
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	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)	335 – 405	335 – 405	335 – 405	335 – 405
Short Circuit Current Test (A)				
Min	4.30	4.30	4.30	4.30
Secondary Current				
Max	5.30	5.30	5.30	5.30
Min	3.60	2.00	1.85	1.60
Input Current				
Max	5.50	3.10	2.75	2.40
CORE and COIL Specifications				
Dimension (A)	2.30 in	2.30 in	2.30 in	2.30 in
Dimension (B)	4.30 in	4.30 in	4.30 in	4.30 in
Weight	18.0 lbs	18.0 lbs	18.0 lbs	18.0 lbs
Lead Lengths	12"	12"	12"	12"
Capacitor Requirement				
Microfarads	24.0 uf	24.0 uf	24.0 uf	24.0 uf
Volts (Min)	480 V	480 V	480 V	480 V



Capacitor: CA24480

Ignitor: BVS-042

Microfarads: 24.0 uf
 Volts (Max): 480 V
 Case Temp (Max): 100 °C
 Height (Max): 4.03 in
 Dia (Max): 1.97 in
 Oval Width (Max): 2.97 in

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

