

BALLAST SPECIFICATIONS

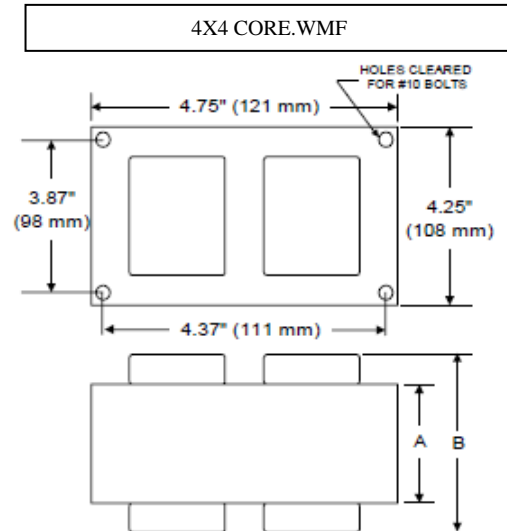
450W M144

Pulse Start Metal Halide

S450M-48/12/PS

60 Hz CWA

Input Volts	480		
Line Current (Amps)			
Operating	1.10		
Open Circuit	0.55		
Starting	0.85		
Recommended Fuse (Amps)	3		
Regulation			
Line Volts	±10%		
Lamp Watts	±10%		
Temperature Ratings			
Insulation Class	180 (H)		
Coil Temperature Code	C		
Benchtop Coil Rise	84.3		
Power Factor (Min)	90%		
Input Watts	509 W		
Efficiency	88%		
NOM. Open Circuit Voltage	255		
Input Voltage At Lamp Dropout	250		
Min Ambient Starting Temp	-20°F/ -30°C		
60 Hz TEST PROCEDURES			
High Potential Test (Volts)			
1 Minute	2,000 V		
1 Second	2,400 V		
Open Circuit Voltage Test (V)	230 – 280		
Short Circuit Current Test (A)			
Min	4.15		
Secondary Current			
Max	5.05		
Min	0.65		
Input Current			
Max	1.95		
CORE and COIL Specifications			
Dimension (A)	2.30 in		
Dimension (B)	4.40 in		
Weight	14.5 lbs		
Lead Lengths	12"		
Capacitor Requirement			
Microfarads	32.0 uf		
Volts (Min)	300 V		



Capacitor: CA32330DL

Ignitor: SMH-2

Microfarads: 32.0 uf
 Volts (Max): 330 V
 Case Temp (Max): 100 °C
 Height (Max): 4.68 in
 Dia (Max): 1.61 in

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

