

## BALLAST SPECIFICATIONS

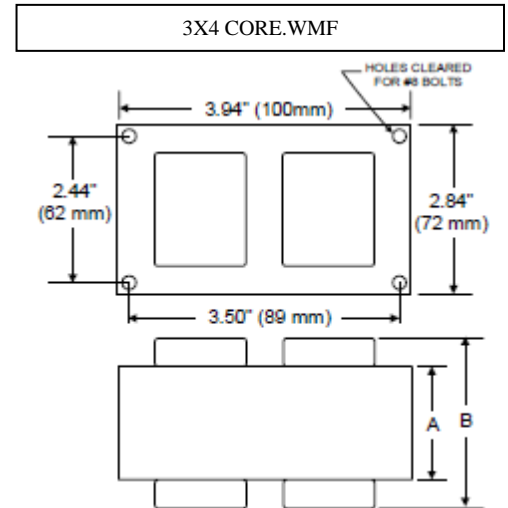
# 70 W M98

## Pulse Start Metal Halide

### S70M-4

### 60 Hz HX-HPF

Input Volts	120	208	240	277
Line Current ( Amps )				
Operating	0.80	0.45	0.40	0.35
Open Circuit	1.65	0.95	0.80	0.70
Starting	0.75	0.55	0.50	0.35
Recommended Fuse (Amps)	4	3	2	2
Regulation				
Line Volts	±5%	±5%	±5%	±5%
Lamp Watts	±8%	±8%	±8%	±8%
Temperature Ratings				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	A	A	A	A
Benchtop Coil Rise	60.9	63.0	62.4	64.1
Power Factor (Min)	90%	90%	90%	90%
Input Watts	92 W	92 W	92 W	92 W
Efficiency	76%	76%	76%	76%
NOM. Open Circuit Voltage	250	250	250	250
Input Voltage At Lamp Dropout	85	140	165	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	1,600 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)	225 – 275	225 – 275	225 – 275	225 – 275
Short Circuit Current Test (A)				
Min	0.95	0.95	0.95	0.95
Secondary Current				
Max	1.20	1.20	1.20	1.20
Min	0.45	0.25	0.25	0.20
Input Current				
Max	0.85	0.50	0.45	0.40
CORE and COIL Specifications				
Dimension (A)	1.45 in	1.45 in	1.45 in	1.45 in
Dimension (B)	2.85 in	2.85 in	2.85 in	2.85 in
Weight	4.6 lbs	4.6 lbs	4.6 lbs	4.6 lbs
Lead Lengths	12"	12"	12"	12"
Capacitor Requirement				
Microfarads	8.0 uf	8.0 uf	8.0 uf	8.0 uf
Volts (Min)	280 V	280 V	280 V	280 V



Capacitor: CA8300DL

Ignitor: SMH-2

Microfarads: 8.0 uf	Case Temp (Max): 105 °C
Volts (Max): 280 V	BTL Distance (Max): 2 ft
Case Temp (Max): 100 °C	
Height (Max): 2.76 in	
Dia (Max): 1.21 in	

