

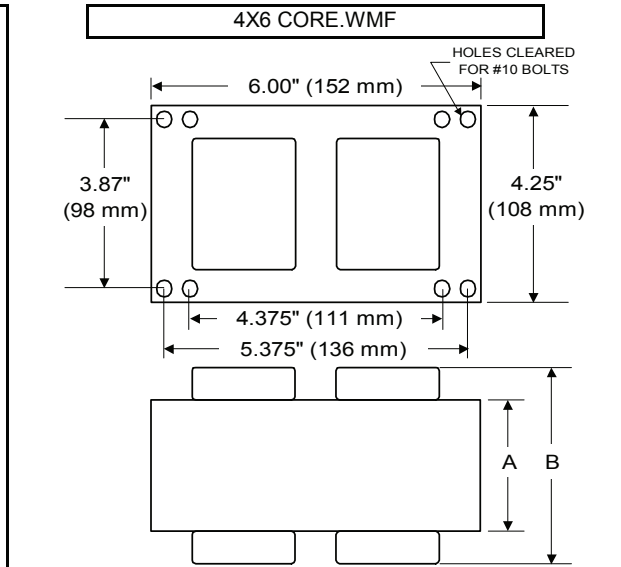
BALLAST SPECIFICATION



Precision Lamp & Transformer

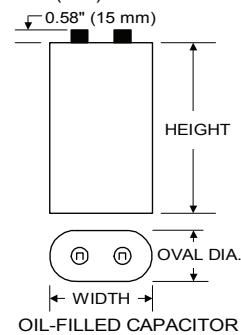
1500W M48 Metal Halide 1500MA4TK 60 Hz CWA

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	13.40	7.75	6.70	5.80
Open Circuit	6.30	3.65	3.15	2.75
Starting	11.30	6.50	5.65	4.90
Recommended Fuse (Amps)	34	19	17	15
Regulation				
Line Volts	±10%	±10%	±10%	±10%
Lamp Watts	±12%	±12%	±12%	±12%
Temperature Ratings				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	G	E	E	E
Benchtop Coil Rise	101.6	90.4	92.4	93.4
Power Factor (Min)	90%	90%	90%	90%
Input Watts	1605 W	1605 W	1605 W	1605 W
Efficiency				
NOM. Open Circuit Voltage	440	440	440	440
Input Voltage At Lamp Dropout	80	140	160	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	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)	385 - 475	385 - 475	385 - 475	385 - 475
Short Circuit Current Test (A)				
Secondary Current				
Min	7.30	7.30	7.30	7.30
Max	9.00	9.00	9.00	9.00
Input Current				
Min	9.90	5.70	4.95	4.30
Max	12.10	7.05	6.05	5.30
CORE and COIL Specifications				
Dimension (A)	4.10 in	4.10 in	4.10 in	4.10 in
Dimension (B)	6.10 in	6.10 in	6.10 in	6.10 in
Weight	31.0 lb's	31.0 lb's	31.0 lb's	31.0 lb's
Lead Lengths	12"	12"	12"	12"
Capacitor Requirement				
Microfarads	32.0 uf	32.0 uf	32.0 uf	32.0 uf
Volts (Min)	525 V	525 V	525 V	525 V



Capacitor:	ACB256OV	Ignitor:	None
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Microfarads: 32.0 uf
Volts (Max): 525 V
Case Temp (Max): 100 °C
Height (Max): 4.03 in
Dia (Max): 2.03 in
Oval Width (Max): 3.72 in



This Ballast Does Not Require An Ignitor

Ordering Information Add Suffix for options

- C - With Capacitor
- K - Prewired, with Capacitor and Bracket Kit
- B - With Welded Bracket, no cap
- CB - With Capacitor and Welded Bracket

Coil material: primary Cu and secondary Cu

RoHS compliant on all manufactured products after August 1, 2007

Data is based upon tests performed in a controlled environment and is representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

1/25/01 Production



RoHS

