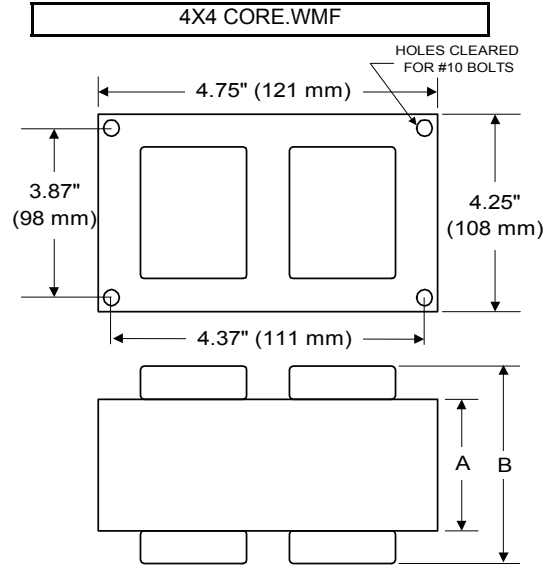


BALLAST SPECIFICATION

400W M59 Metal Halide PLT-400MA4TK 60 Hz CWA

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	3.95	2.30	2.00	1.75
Open Circuit	3.95	2.30	2.00	1.75
Starting	2.80	1.50	1.35	1.20
Recommended Fuse (Amps)	10	6	5	5
Regulation				
Line Volts	±10%	±10%	±10%	±10%
Lamp Watts	±9%	±9%	±9%	±9%
Temperature Ratings				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	D	E	E	E
Benchtop Coil Rise	89.3	93.5	92.6	94.0
Power Factor (Min)	90%	90%	90%	90%
Input Watts	458 W	458 W	458 W	458 W
Efficiency	87%	87%	87%	87%
NOM. Open Circuit Voltage	315	315	315	315
Input Voltage At Lamp Dropout	45	75	85	95
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	1,700 V	1,700 V	1,700 V	1,700 V
1 Second	2,000 V	2,000 V	2,000 V	2,000 V
Open Circuit Voltage Test (V)	285 - 350	285 - 350	285 - 350	285 - 350
Short Circuit Current Test (A)				
Secondary Current				
Min	3.50	3.50	3.50	3.50
Max	4.30	4.30	4.30	4.30
Input Current				
Min	2.15	1.15	1.05	0.90
Max	3.25	1.75	1.55	1.35
CORE and COIL Specifications				
Dimension (A)	2.00 in	2.00 in	2.00 in	2.00 in
Dimension (B)	4.10 in	4.10 in	4.10 in	4.10 in
Weight	10.0 lb's	10.0 lb's	10.0 lb's	10.0 lb's
Lead Lengths	12 "	12 "	12 "	12 "
Capacitor Requirement				
Microfarads	24.0 uf	24.0 uf	24.0 uf	24.0 uf
Volts (Min)	360 V	360 V	360 V	360 V



Capacitor: ACB2470V / ACG247 Ignitor: None

Microfarads: 24.0 uf 24.0 uf

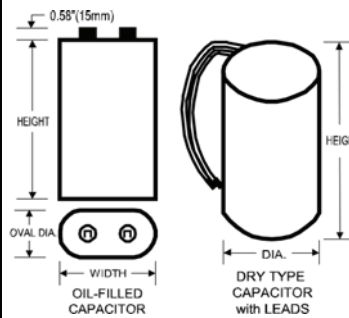
Volts (Max): 400 V 400 V

Case Temp (Max): 100 °C 100 °C

Height (Max): 3.19 in 4.68 in

Dia (Max): 1.97 in 1.82 in

Oval Width (Max): 2.97 in



This Ballast Does Not Require An Ignitor

Ordering Information Add Suffix for options

C - With Oil-Filled Capacitor

CB - With Oil-Filled Capacitor and Welded Bracket

B - With Welded Bracket, no Capacitor

K - Prewired, with Dry Capacitor and Bracket Kit

D - With Dry Capacitor

DB - With Dry Capacitor and Welded Bracket

RoHS compliant on all manufactured products after August 1, 2007

Data is based upon tests performed by 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.

9/10/2008 Production Coil material: primary Al and secondary Al

