

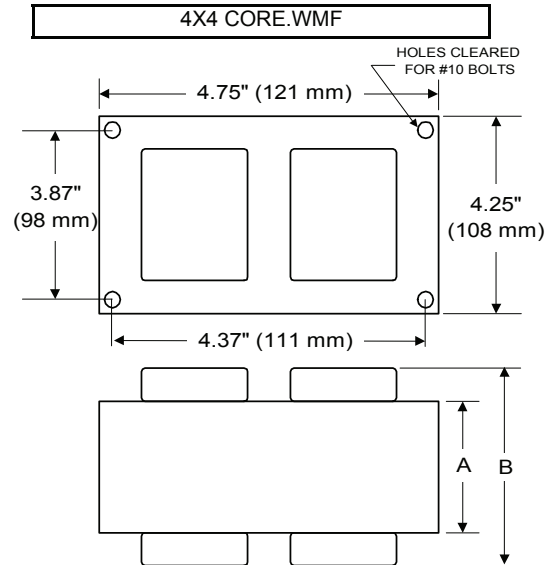


Precision Lamp & Transformer

BALLAST SPECIFICATION

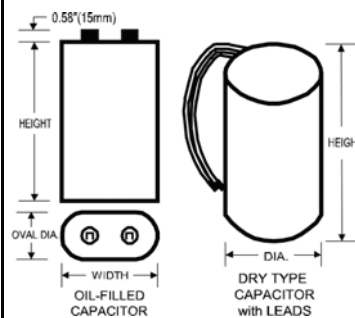
400W M59
Metal Halide
400MA48TK
60 Hz CWA

Input Volts	480
Line Current (Amps)	
Operating	1.00
Open Circuit	0.90
Starting	0.70
Recommended Fuse (Amps)	3
Regulation	
Line Volts	±10%
Lamp Watts	±10%
Temperature Ratings	
Insulation Class	180 (H)
Coil Temperature Code	E
Benchtop Coil Rise	90.1
Power Factor (Min)	90%
Input Watts	457 W
Efficiency	
NOM. Open Circuit Voltage	300
Input Voltage At Lamp Dropout	220
Min Ambient Starting Temp	-40°F/-40°C
60 HZ TEST PROCEDURES	
High Potential Test (Volts)	
1 Minute	2,000 V
1 Second	2,400 V
Open Circuit Voltage Test (V)	270 - 330
Short Circuit Current Test (A)	
Secondary Current	Min 3.40 Max 4.20
Input Current	Min 0.45 Max 0.70
CORE and COIL Specifications	
Dimension (A)	2.15 in
Dimension (B)	4.10 in
Weight	11.5 lb's
Lead Lengths	12 "
Capacitor Requirement	
Microfarads	24.0 uf
Volts (Min)	360 V



Capacitor: ACB2470V / ACG247	Ignitor: None
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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 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 Cu and secondary Al



RoHS

