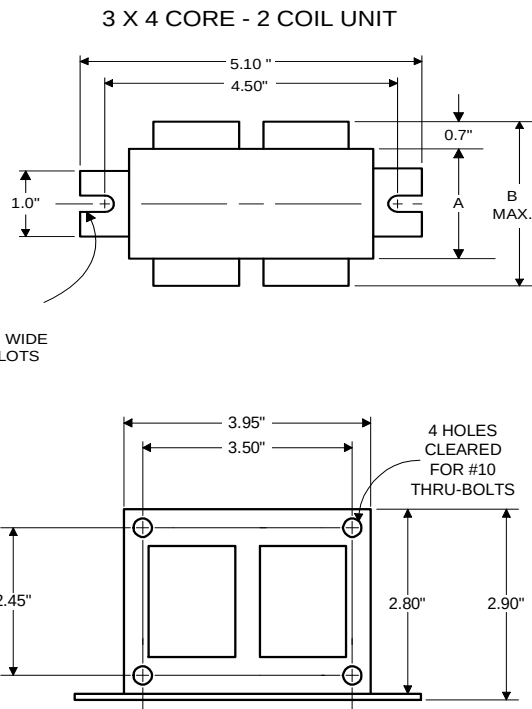


PHILIPS ADVANCE

Metal
Halide
Lamp Ballast

Catalog Number 71A5593
For 175W M137/M152 (P.S.)
60 Hz SUPER-CWA
Status: Active

DIMENSIONS AND DATA



Capacitor: 7C110M40



Capacitance: 11
Dia/Oval Dim: 1.65
Height: 3.75
Temp Rating: 105°C

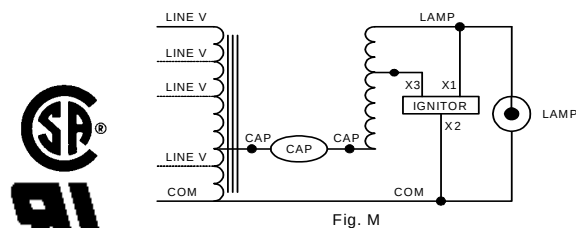
Ignitor: LI533-H4



Ballast to Lamp Distance
(BTL) = 2 feet
Temp Rating: 105°C

INPUT VOLTS	120	208	240	277
CIRCUIT TYPE	SUPER-CWA			
POWER FACTOR (min)	90%			
REGULATION				
Line Volts	±10%			
Lamp Watts	±10%			
LINE CURRENT (Amps)				
Operating.....	1.80	1.05	0.90	0.80
Open Circuit.....	1.90	1.05	0.90	0.80
Starting.....	0.70	0.75	0.65	0.55
UL TEMPERATURE RATINGS				
Insulation Class	H(180°C)			
Coil Temperature Code	1029			
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C			
NOM. OPEN CIRCUIT VOLTAGE	275			
INPUT VOLTAGE AT LAMP DROPOUT.....	60	104	120	138
INPUT WATTS	208			
RECOMMENDED FUSE (Amps).....	5	3	3	3
CORE and COIL				
Dimension (A)	2.24			
Dimension (B)	3.50			
Weight (lbs.)	7			
Lead Lengths	12"			
CAPACITOR REQUIREMENT				
Microfarads	11.0			
Volts (min.)	370			
Fault Current Withstand (amps)				
60 Hz TEST PROCEDURES (Refer to Advance Test Procedure for HID Ballasts - Form 1270)				
High Potential Test (Volts)				
1 minute	2000			
2 seconds	2500			
Open Circuit Voltage Test (Volts)	250-300			
Short-Circuit Current Test (Amps)				
Secondary Current	1.60-1.95			
Input Current.....	0.40-0.70	0.22-0.35	0.20-0.35	0.17-0.32

Wiring Diagram:



Ordering Information

Order Suffix

Description

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

Philips Lighting Electronic N.A.

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10/26/09