

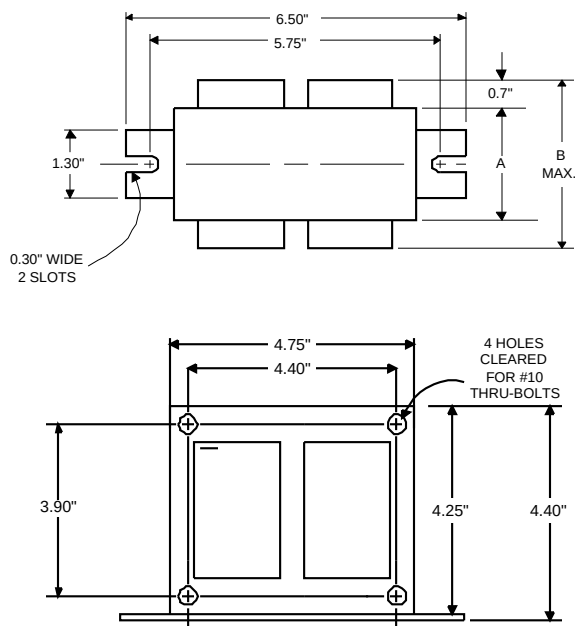
**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

Catalog Number 71A5943TAE
For 350W M131/M171 (P.S.)
60 Hz SUPER-CWA
Status: Active

DIMENSIONS AND DATA

4 1/4 X 4 3/4 CORE - 2 COIL UNIT



Capacitor: 7C225P40



Capacitance: 22.5
 Dia/Oval Dim: 1.75
 Height: 5.12
 Temp Rating: 105°C

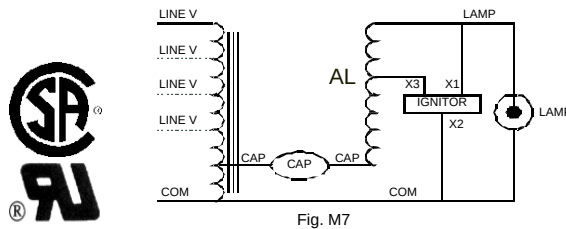
Ignitor: LI533-H4



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

INPUT VOLTS	480				
CIRCUIT TYPE	SUPER-CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	0.85				
Open Circuit.....	0.65				
Starting.....	0.65				
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029	D			
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C				
NOM. OPEN CIRCUIT VOLTAGE	280				
INPUT VOLTAGE AT LAMP DROPOUT.....	240				
INPUT WATTS	397				
RECOMMENDED FUSE (Amps).....	3				
CORE and COIL					
Dimension (A)	2.20				
Dimension (B)	4.10				
Weight (lbs.)	11				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	22.5				
Volts (min.)	350				
Fault Current Withstand (amps)					
60 Hz TEST PROCEDURES (Refer to Philips Lighting Electronics N.A. TEST Procedure for HID Ballasts - Form High Potential Test (Volts)					
1 minute	2000				
2 seconds	2500				
Open Circuit Voltage Test (Volts)	250-310				
Short-Circuit Current Test (Amps)	3.25-4.00				
Secondary Current					
Input Current.....	0.45	-	-	-	-
	0.70				

Wiring Diagram:



Typical Ordering Information

(please call Philips Lighting Electronics N.A. for suffix availability)

Order Suffix	Description
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Data is based upon tests performed by Philips Lighting Electronics N.A. 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.

PHILIPS LIGHTING ELECTRONICS N.A.

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Revised: 03/31/09