

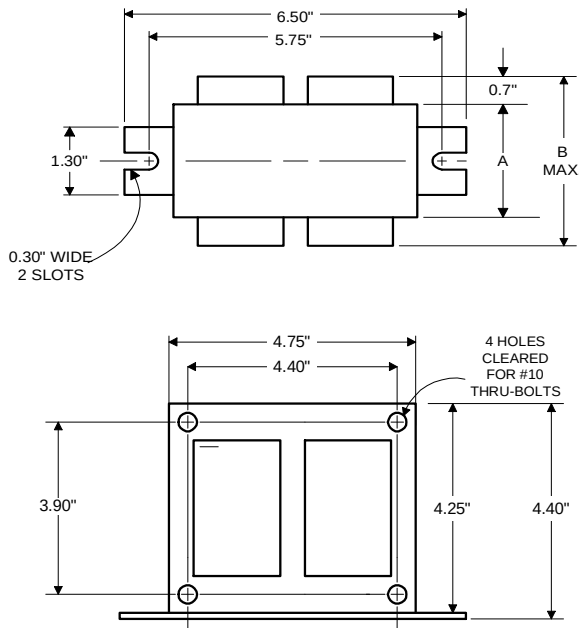
PHILIPS ADVANCE

High Pressure Sodium Lamp Ballast

Catalog Number 71A99J5
For 150W SON-T PIA
60 Hz CWA
Status: Active

DIMENSIONS AND DATA

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



INPUT VOLTS		127	220	240		
CIRCUIT TYPE	CWA					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating.....		1.32	0.76	0.70		
Open Circuit.....		0.75	0.43	0.39		
Starting.....		0.85	0.50	0.48		
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	195					
INPUT VOLTAGE AT LAMP DROPOUT.....		90	155	165		
INPUT WATTS	172					
RECOMMENDED FUSE (Amps).....		5	2	2		
CORE and COIL						
Dimension (A)	2.00					
Dimension (B)	3.85					
Weight (lbs.)	13					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	22.5					
Volts (min.)	240					
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)	176-215					
Short-Circuit Current Test (Amps)						
Secondary Current	2.26-2.76					
Input Current.....		0.68-1.02	0.40-0.60	0.39-0.58	-	-

Capacitor: 7C225P30RA



Capacitance: 22.5
Dia/Oval Dim: 1.65
Height: 3.7
Temp Rating: 105°C

Wiring Diagram:

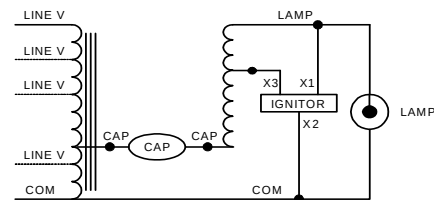


Fig. M

Ordering Information

Order Suffix

Description

Ignitor:

LI533-H4



Ballast to Lamp Distance
(BTL) = 3 feet
Temp Rating: 105°C

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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