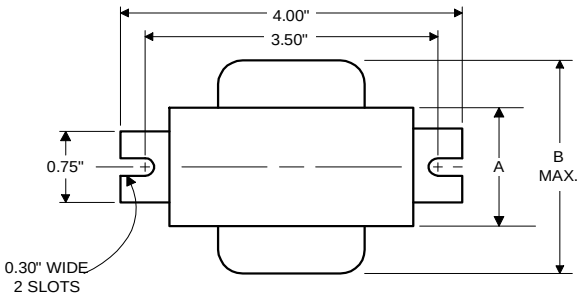
PHILIPS
ADVANCE

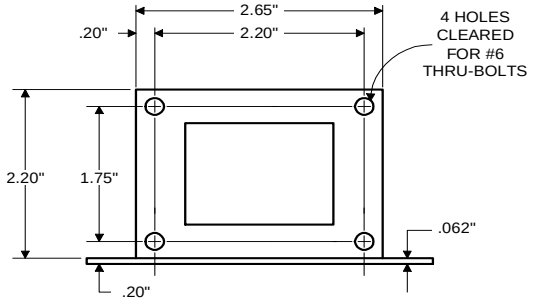
High Pressure Sodium Lamp Ballast

Catalog Number 71A8107
For 150W S55
60 Hz R-HPF
Status: Active

DIMENSIONS AND DATA

2 5/8 X 2 3/16 CORE





INPUT VOLTS		120				
CIRCUIT TYPE	R-HPF					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±5%					
Lamp Watts	WITHIN TRAPEZOID					
LINE CURRENT (Amps)						
Operating		1.50				
Open Circuit		2.35				
Starting		2.25				
UL TEMPERATURE RATINGS						
Insulation Class	H(180℃)					
Coil Temperature Code	1029	A				
MIN. AMBIENT STARTING TEMP.	-40℉ or -40℃					
NOM. OPEN CIRCUIT VOLTAGE	120					
INPUT VOLTAGE AT LAMP DROPOUT		96				
INPUT WATTS	170					
RECOMMENDED FUSE (Amps)		8				
CORE and COIL						
Dimension (A)	2.00					
Dimension (B)	3.30					
Weight (lbs.)	4					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	55.0					
Volts (min.)	120					
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)	114-126					
Short-Circuit Current Test (Amps)						
Secondary Current	3.65-5.55					
Input Current		1.65-2.75	-	-	-	-

Capacitor: 7C550P12RA



Capacitance: 55
Dia/Oval Dim: 1.65
Height: 3.7
Temp Rating: 105℃

Ignitor: LI551-H4



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

Wiring Diagram:

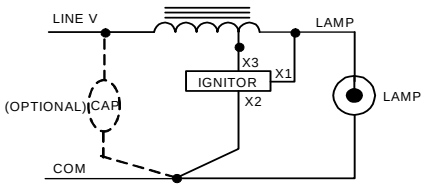


Fig. G

Ordering Information	
Order Suffix	Description

Data is based upon tests performed by Philips Lighting Electronic N.A. in a controlled environment and representitive 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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06/24/13