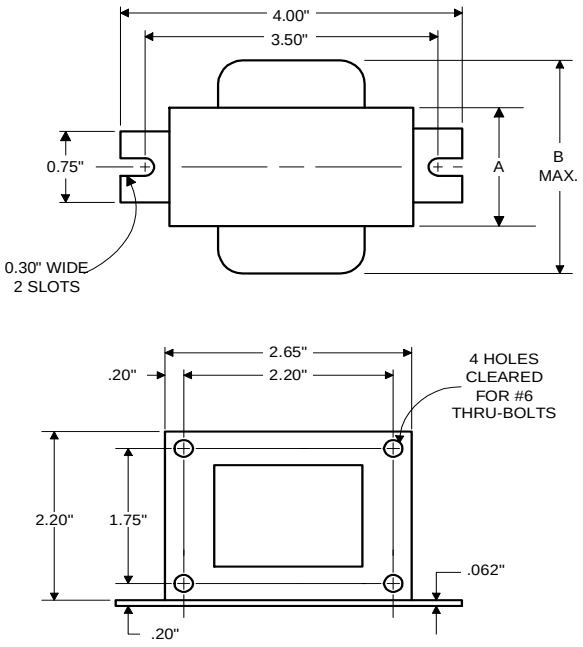
PHILIPS
ADVANCE

High Pressure Sodium Lamp Ballast

Catalog Number 71A7907B (NPF)
For 70W S62
60 Hz R-NPF
Status: Active

DIMENSIONS AND DATA

2 5/8 X 2 3/16 CORE



INPUT VOLTS		120				
CIRCUIT TYPE	R-NPF					
POWER FACTOR (min)	43%					
REGULATION						
Line Volts	±5%					
Lamp Watts	WITHIN TRAPEZOID					
LINE CURRENT (Amps)						
Operating		1.60				
Open Circuit		0.00				
Starting		2.10				
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	86					
RECOMMENDED FUSE (Amps)		8				
CORE and COIL						
Dimension (A)	1.30					
Dimension (B)	2.90					
Weight (lbs.)	2					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads						
Volts (min.)						
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	1.90-2.90					
Input Current		1.90-2.90	-	-	-	-

Capacitor:

This ballast does not require the use of a capacitor.

Wiring Diagram:

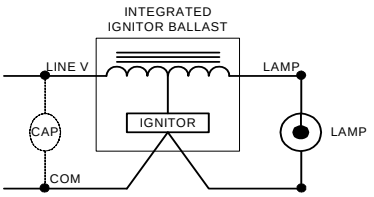


Fig. H

Ignitor: INTEGRAL

An ignitor integral to the core and coil assembly is used to start the lamp.

Ballast to Lamp Distance (BTL) = 2 feet
Temp Rating: 125℃

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.

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