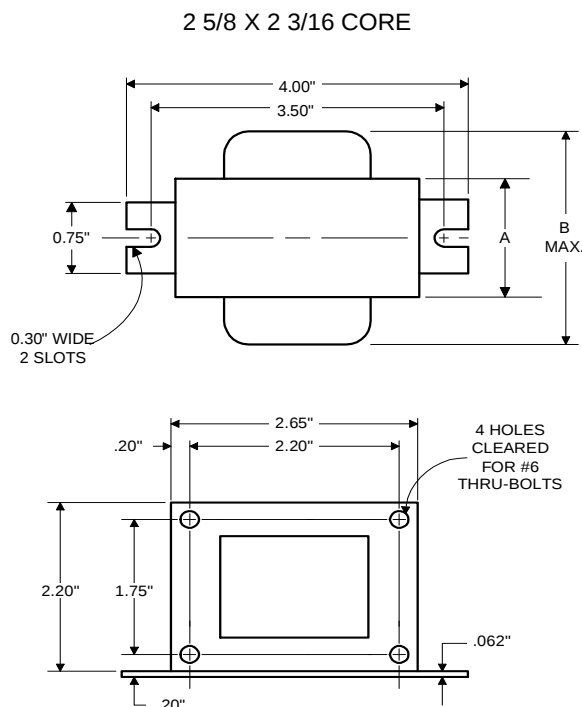


PHILIPS ADVANCE

High Pressure Sodium Lamp Ballast

Catalog Number 71A8007B (NPF)
For 100W S54
60 Hz R-NPF
Status: Active

DIMENSIONS AND DATA



Capacitor:

This ballast does not
require the use of a capacitor.

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°C

INPUT VOLTS	120				
CIRCUIT TYPE	R-NPF				
POWER FACTOR (min)	46%				
REGULATION					
Line Volts	±5%				
Lamp Watts	WITHIN TRAPEZOID				
LINE CURRENT (Amps)					
Operating.....	2.10				
Open Circuit.....	0.00				
Starting.....	3.05				
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-40°F or -40°C				
NOM. OPEN CIRCUIT VOLTAGE	120				
INPUT VOLTAGE AT LAMP DROPOUT.....	96				
INPUT WATTS	115				
RECOMMENDED FUSE (Amps).....	10				
CORE and COIL					
Dimension (A)	1.50				
Dimension (B)	3.00				
Weight (lbs.)	2.5				
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	2.40-3.60				
Input Current.....	2.40-3.60	-	-	-	-

Wiring Diagram:

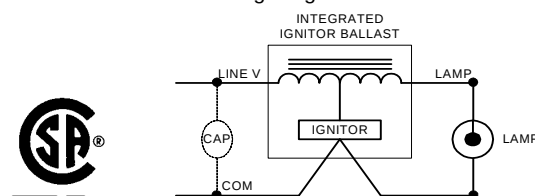


Fig. H

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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