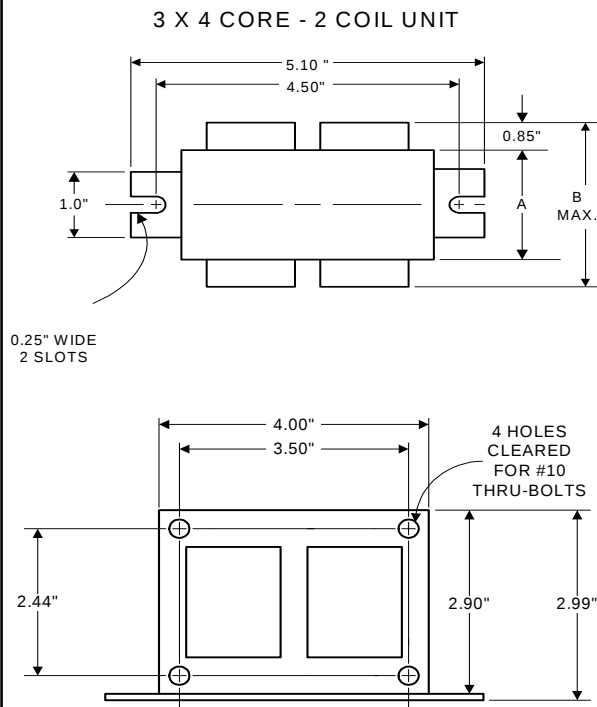


PHILIPS ADVANCE

High Pressure Sodium Lamp Ballast

Catalog Number 71A7971
For 70W S62
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA



Capacitor: 7C070L30RA



Capacitance: 7
Dia/Oval Dim: 1.25
Height: 2.75
Temp Rating: 105°C

Ignitor: LI551-H4



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

INPUT VOLTS	120	208	240	277
CIRCUIT TYPE	HX-HPF			
POWER FACTOR (min)	90%			
REGULATION	±5%			
Line Volts	WITHIN TRAPEZOID			
Lamp Watts				
LINE CURRENT (Amps)				
Operating.....	0.81	0.47	0.40	0.35
Open Circuit.....	1.46	0.86	0.73	0.64
Starting.....	0.85	0.51	0.43	0.39
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	166	192	222
INPUT WATTS	96			
RECOMMENDED FUSE (Amps).....	5	3	2	2
CORE and COIL				
Dimension (A)	1.52			
Dimension (B)	2.90			
Weight (lbs.)	5.6			
Lead Lengths	12"			
CAPACITOR REQUIREMENT				
Microfarads	7.0			
Volts (min.)	280			
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)	110-130			
Short-Circuit Current Test (Amps)				
Secondary Current	2.10-2.45			
Input Current.....	0.60-0.95	0.35-0.60	0.30-0.50	0.25-0.40

Wiring Diagram:

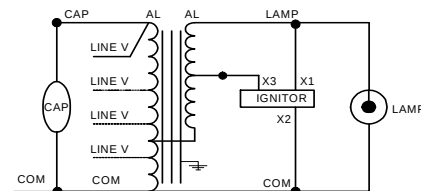


Fig. K4

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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