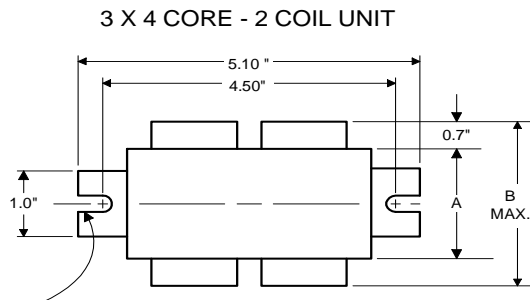


PHILIPS ADVANCE

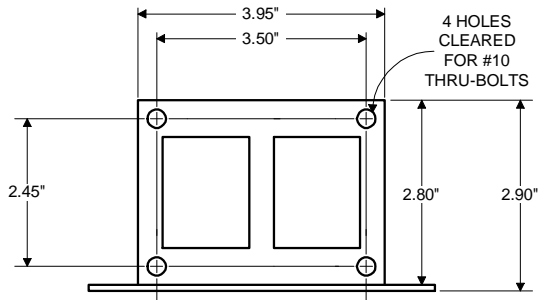
High Pressure Sodium Lamp Ballast

Catalog Number 71A79A1
For 70W S62
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA

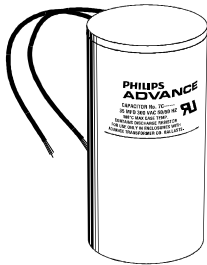


0.25" WIDE
2 SLOTS



INPUT VOLTS	120	277	347		
CIRCUIT TYPE	HX-HPF				
POWER FACTOR (min)	90%				
REGULATION	±5%				
Line Volts	WITHIN TRAPEZOID				
Lamp Watts					
LINE CURRENT (Amps)					
Operating.....	0.81	0.35	0.30		
Open Circuit.....	1.45	0.65	0.55		
Starting.....	0.75	0.35	0.30		
UL TEMPERATURE RATINGS	H(180°C)				
Insulation Class	1029				
Coil Temperature Code	A	B	A		
MIN. AMBIENT STARTING TEMP.	-40°F or -40°C				
NOM. OPEN CIRCUIT VOLTAGE	120				
INPUT VOLTAGE AT LAMP DROPOUT.....	96	222	277		
INPUT WATTS	93				
RECOMMENDED FUSE (Amps).....	5	2	2		
CORE and COIL					
Dimension (A)	1.50				
Dimension (B)	3.10				
Weight (lbs.)	5.5				
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	1.80-2.20				
Input Current.....	0.60-0.95	0.25-0.40	0.20-0.30	-	-

Capacitor: 7C070L30RA



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

Wiring Diagram:

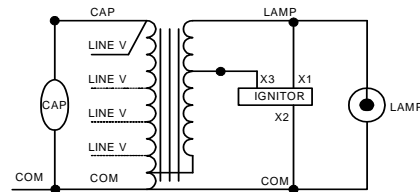


Fig. K

Ordering Information

Order Suffix

Description

Ignitor: LI551-H4



Red (X1)
White (X2)
Blue (X3)

Ballast to Lamp Distance
(BTL) = 2 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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08/02/13