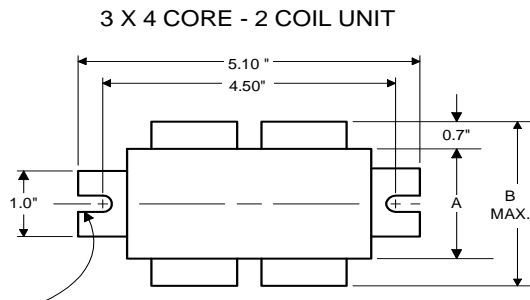


# PHILIPS ADVANCE

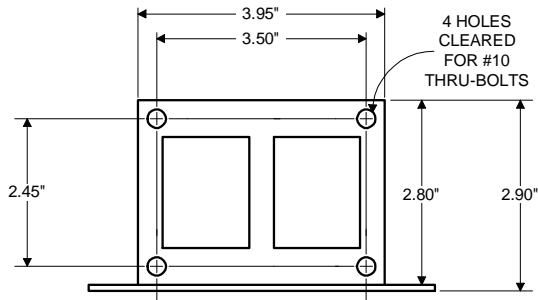
## High Pressure Sodium Lamp Ballast

Catalog Number 71A79H8A  
For 70W S62  
60 Hz CWA  
Status: Active

### DIMENSIONS AND DATA



0.25" WIDE  
2 SLOTS



INPUT VOLTS	127	220			
CIRCUIT TYPE	CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	0.80	0.47			
Open Circuit.....	0.20	0.12			
Starting.....	0.81	0.48			
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-40F or -40C				
NOM. OPEN CIRCUIT VOLTAGE	108				
INPUT VOLTAGE AT LAMP DROPOUT.....	95	165			
INPUT WATTS	100				
RECOMMENDED FUSE (Amps).....	2	2			
CORE and COIL					
Dimension (A)	1.75				
Dimension (B)	3.36				
Weight (lbs.)	5.1				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	32.5				
Volts (min.)	150				
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)	95-115				
Short-Circuit Current Test (Amps)					
Secondary Current	2.00-2.60				
Input Current.....	0.68-1.13	0.40-0.66	-	-	-

Capacitor: 7C325P30RA



Capacitance: 32.5  
Dia/Oval Dim: 1.85  
Height: 3.7  
Temp Rating: 105°C

#### Wiring Diagram:

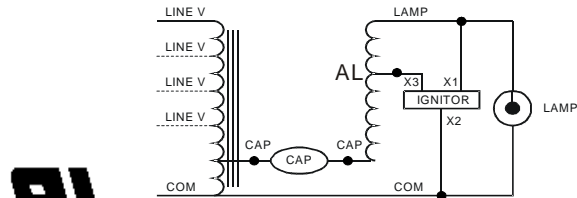


Fig. M7

#### Ordering Information

Order Suffix

Description

Ignitor: LI551-J4



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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04/20/12