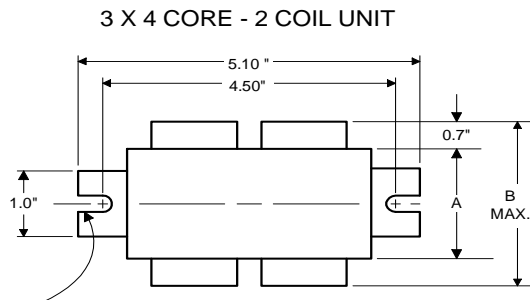




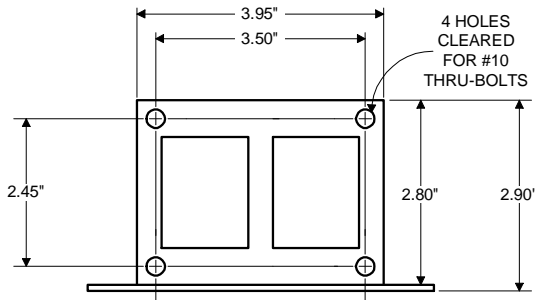
High Pressure  
Sodium  
Lamp Ballast

Catalog Number 71A79N1  
For 70W S62  
50 Hz HX-HPF  
Status: Active

**DIMENSIONS AND DATA**

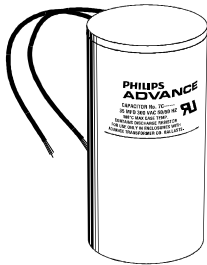


0.25" WIDE  
2 SLOTS



INPUT VOLTS	120	220	240		
CIRCUIT TYPE	HX-HPF				
POWER FACTOR (min)	90%				
REGULATION	±5%				
Line Volts	WITHIN TRAPEZOID				
Lamp Watts					
LINE CURRENT (Amps)					
Operating.....	0.84	0.46	0.42		
Open Circuit.....	1.40	0.75	0.70		
Starting.....	0.80	0.45	0.40		
UL TEMPERATURE RATINGS	H(180°C)				
Insulation Class	1029				
Coil Temperature Code	A	A	A		
MIN. AMBIENT STARTING TEMP.	-40F or -40°C				
NOM. OPEN CIRCUIT VOLTAGE	125				
INPUT VOLTAGE AT LAMP DROPOUT.....	90	160	180		
INPUT WATTS	94				
RECOMMENDED FUSE (Amps).....	4	2	2		
CORE and COIL					
Dimension (A)	1.85				
Dimension (B)	3.10				
Weight (lbs.)	6				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	8.4				
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)	115-140				
Short-Circuit Current Test (Amps)					
Secondary Current	1.50-1.80				
Input Current.....	0.14-0.22	0.08-0.12	0.07-0.11	-	-

Capacitor: 7C084L33-R



Capacitance: 8.4  
Dia/Oval Dim: 1.25  
Height: 3  
Temp Rating: 105°C

Wiring Diagram:

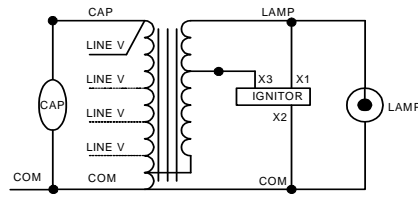


Fig. K

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 Advance Transformer in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

**ADVANCE TRANSFORMER CO.**

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05/25/99