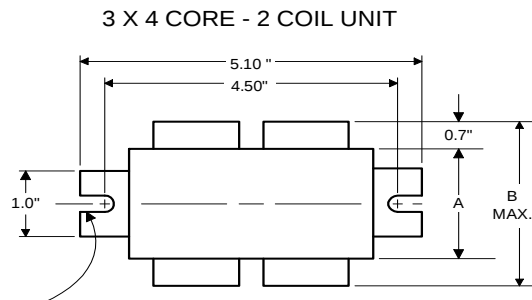




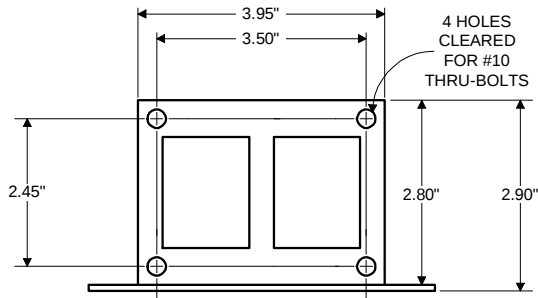
High Pressure Sodium Lamp Ballast

Catalog Number 71A80N1
For 100W S54
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.....	1.20	0.65	0.60		
Open Circuit.....	2.40	1.30	1.20		
Starting.....	0.90	0.50	0.45		
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.....	100	185	200		
INPUT WATTS	130				
RECOMMENDED FUSE (Amps).....	6	4	4		
CORE and COIL					
Dimension (A)	2.40				
Dimension (B)	3.70				
Weight (lbs.)	4				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	12.0				
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	2.10-2.60				
Input Current.....	0.40-0.60	0.25-0.35	0.20-0.30	-	-

Capacitor: 7C120M33-R



Capacitance: 12
Dia/Oval Dim: 1.5
Height: 2.9
Temp Rating: 105°C

Wiring Diagram:

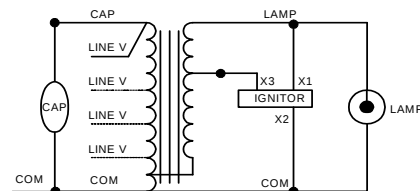


Fig. K

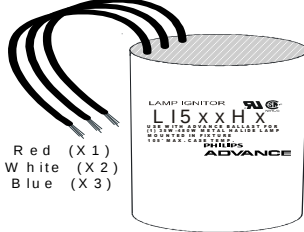
Ordering Information

Order Suffix

Description

Ignitor:

LI551-H4



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.

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05/13/99