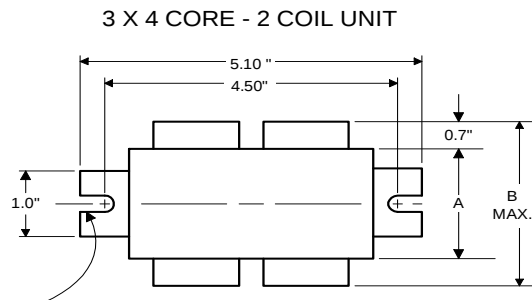


PHILIPS ADVANCE

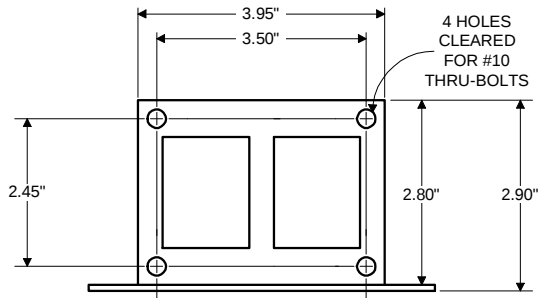
High Pressure Sodium Lamp Ballast

Catalog Number 71A80N1
For 100W S54
50 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA



0.25" WIDE
2 SLOTS



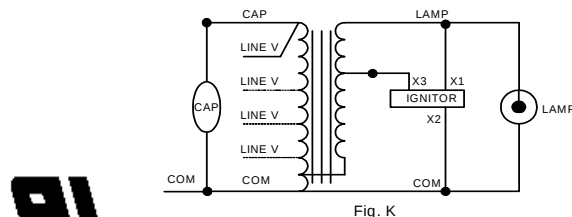
INPUT VOLTS		120	220	240		
CIRCUIT TYPE		HX-HPF				
POWER FACTOR (min)		90%				
REGULATION						
Line Volts		±5%				
Lamp Watts		WITHIN TRAPEZOID				
LINE CURRENT (Amps)						
Operating.....		1.20	0.65	0.60		
Open Circuit.....		2.40	1.30	1.20		
Starting.....		0.90	0.50	0.45		
UL TEMPERATURE RATINGS						
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.)		3.7				
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:



Ordering Information

Order Suffix	Description

Ignitor: LI551-H4



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.

10275 West Higgins Road · Rosemont, IL 60018 · Tel:800-322-2086 Fax:888-432-1882
Customer Support/ Technical Service:800-372-3331 · OEM Support: 866-915-5886

08/09/13