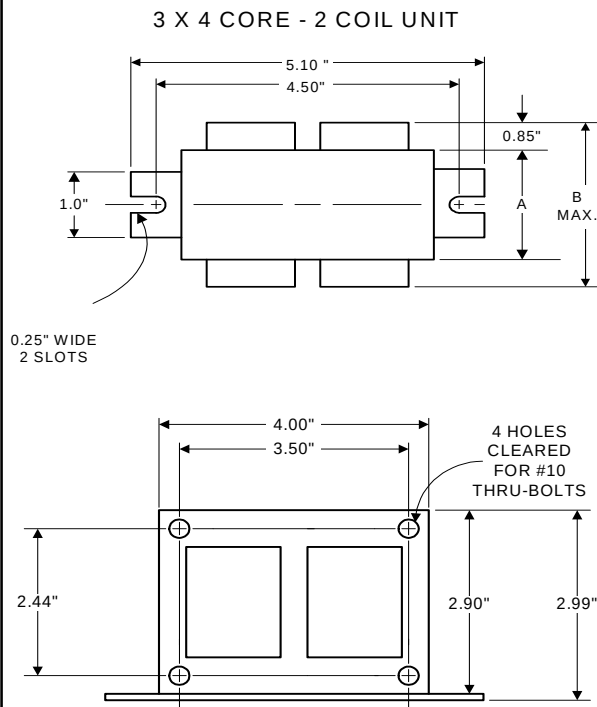


PHILIPS ADVANCE

High Pressure Sodium Lamp Ballast

Catalog Number 71A8172
For 150W S55
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA



Capacitor: 7C140M30RA



Capacitance: 14
Dia/Oval Dim: 1.65
Height: 2.75
Temp Rating: 105°C

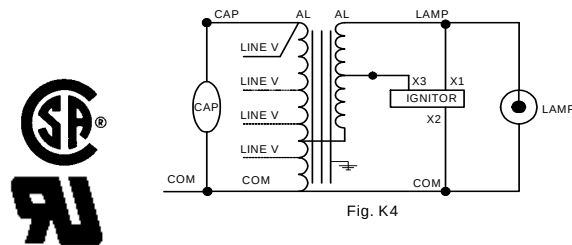
Ignitor: LI551-H4



Ballast to Lamp Distance
(BTL) = 2 feet
Temp Rating: 105°C

INPUT VOLTS		120	208	240	277
CIRCUIT TYPE		HX-HPF			
POWER FACTOR (min)		90%			
REGULATION		±5%			
Line Volts		WITHIN TRAPEZOID			
Lamp Watts					
LINE CURRENT (Amps)					
Operating.....		1.65	0.95	0.83	0.72
Open Circuit.....		2.80	1.60	1.40	1.25
Starting.....		2.00	1.15	1.00	0.85
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.....		96	166	192	222
INPUT WATTS		190			
RECOMMENDED FUSE (Amps).....		10	5	5	4
CORE and COIL					
Dimension (A)		2.50			
Dimension (B)		4.20			
Weight (lbs.)		8.16			
Lead Lengths		12"			
CAPACITOR REQUIREMENT					
Microfarads		14.0			
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		3.95-4.85			
Input Current.....		1.15-1.75	0.65-1.00	0.55-0.85	0.50-0.75

Wiring Diagram:



Ordering Information

Order Suffix

Description

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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