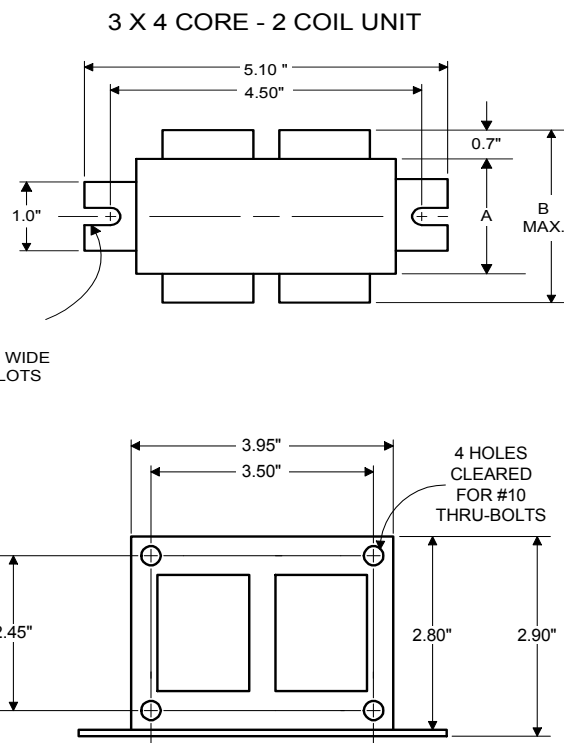


PHILIPS ADVANCE

High Pressure Sodium Lamp Ballast

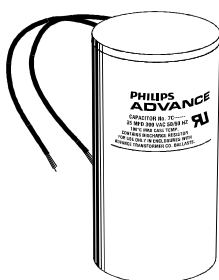
Catalog Number 71A81N2
For 150W S55
50 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA



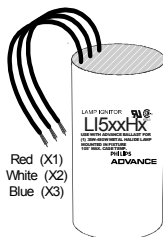
INPUT VOLTS		120	220	240		
CIRCUIT TYPE	HX-HPF					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±5%					
Lamp Watts	WITHIN TRAPEZOID					
LINE CURRENT (Amps)						
Operating.....		1.60	0.90	0.80		
Open Circuit.....		3.00	1.70	1.55		
Starting.....		1.50	0.85	0.75		
UL TEMPERATURE RATINGS						
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	176	192		
INPUT WATTS	188					
RECOMMENDED FUSE (Amps).....		8	5	4		
CORE and COIL						
Dimension (A)	2.95					
Dimension (B)	4.20					
Weight (lbs.)	7.5					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	17.5					
Volts (min.)	260					
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	3.15-3.85					
Input Current.....		0.35-0.54	0.18-0.29	0.16-0.25	-	-

Capacitor: 7C175M30RA



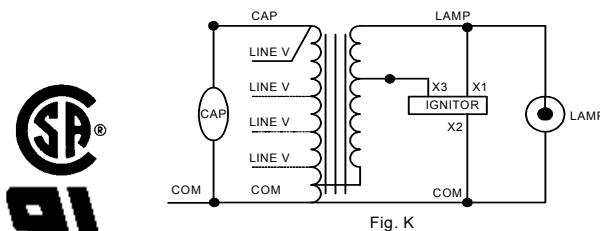
Capacitance: 17.5
 Dia/Oval Dim: 1.65
 Height: 3.7
 Temp Rating: 105°C

Ignitor: LI551-H4



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

Wiring Diagram:



Ordering Information

Order Suffix	Description
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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

08/13/13