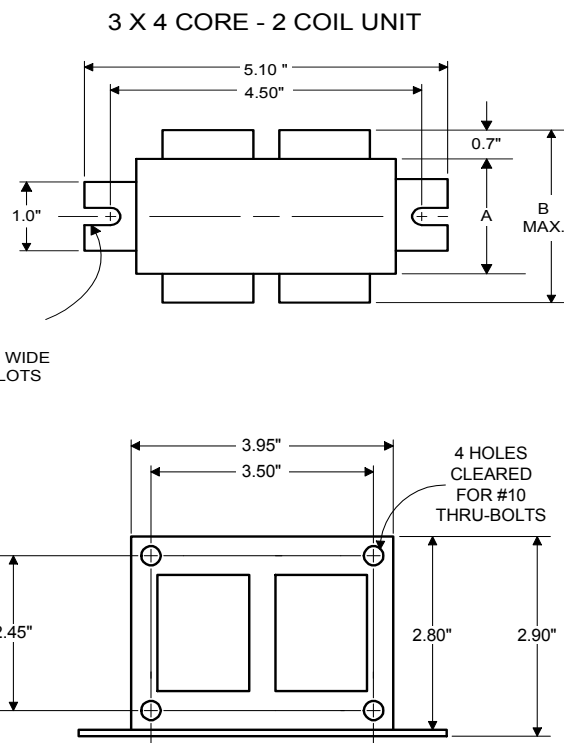


PHILIPS ADVANCE

High Pressure Sodium Lamp Ballast

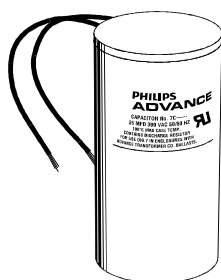
Catalog Number 71A7801
For 50W S68
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA



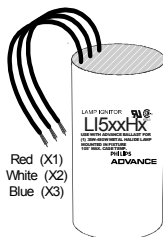
INPUT VOLTS	120	277			
CIRCUIT TYPE	HX-HPF				
POWER FACTOR (min)	90%				
REGULATION	WITHIN TRAPEZOID				
Line Volts	±5%				
Lamp Watts					
LINE CURRENT (Amps)					
Operating.....	0.61	0.26			
Open Circuit.....	1.00	0.45			
Starting.....	0.65	0.30			
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C				
NOM. OPEN CIRCUIT VOLTAGE	125				
INPUT VOLTAGE AT LAMP DROPOUT.....	96	222			
INPUT WATTS	66				
RECOMMENDED FUSE (Amps).....	3	1			
CORE and COIL					
Dimension (A)	1.00				
Dimension (B)	2.20				
Weight (lbs.)	4				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	5.0				
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)	115-135				
Short-Circuit Current Test (Amps)					
Secondary Current	1.30-1.90				
Input Current.....	0.60-0.80	0.25-0.35	-	-	-

Capacitor: 7C050L30RA



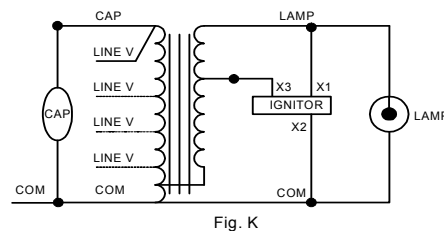
Capacitance: 5
 Dia/Oval Dim: 1.25
 Height: 2.25
 Temp Rating: 105°C

Ignitor: LI551-H4



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

Wiring Diagram:



Ordering Information

Order Suffix

Description

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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06/24/13