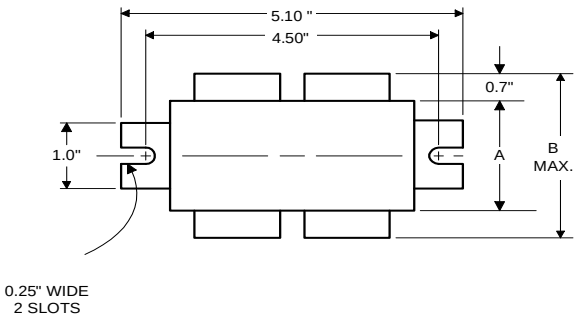
PHILIPS
ADVANCE

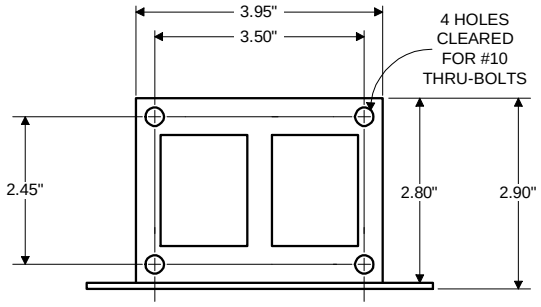
High Pressure Sodium Lamp Ballast

Catalog Number 71A8142
For 150W S55
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA

3 X 4 CORE - 2 COIL UNIT





INPUT VOLTS		480				
CIRCUIT TYPE	HX-HPF					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±5%					
Lamp Watts	WITHIN TRAPEZOID					
LINE CURRENT (Amps)						
Operating		0.42				
Open Circuit		0.70				
Starting		0.50				
UL TEMPERATURE RATINGS						
Insulation Class	H(180℃)					
Coil Temperature Code	1029	E				
MIN. AMBIENT STARTING TEMP.	-40℉ or -40℃					
NOM. OPEN CIRCUIT VOLTAGE	120					
INPUT VOLTAGE AT LAMP DROPOUT		384				
INPUT WATTS	188					
RECOMMENDED FUSE (Amps)		2				
CORE and COIL						
Dimension (A)	3.00					
Dimension (B)	4.30					
Weight (lbs.)	9					
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		0.30-0.45	-	-	-	-

Capacitor: 7C140M30RA



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

Ignitor: LI551-H4



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

Wiring Diagram:

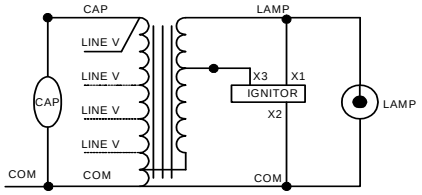


Fig. K

Ordering Information

Order Suffix	Description

Data is based upon tests performed by Philips Lighting Electronic N.A. in a controlled environment and representitive of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

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03/03/10