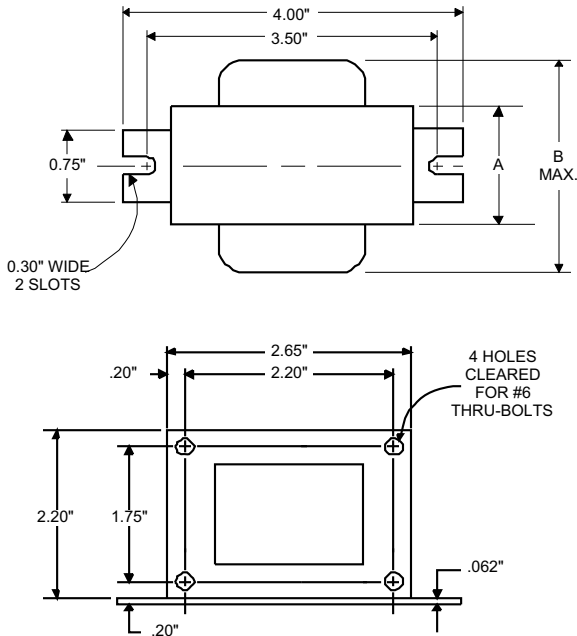


High Pressure Sodium Lamp Ballast

Catalog Number 71A8107
For 150W S55
60 Hz R-HPF
Status: Active

DIMENSIONS AND DATA

2 5/8 X 2 3/16 CORE



Capacitor: 7C550P12



Capacitance: 55
Dia/Oval Dim: 1.75
Height: 3.75
Temp Rating: 100°C

Ignitor: LI551-H4

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

INPUT VOLTS	120				
CIRCUIT TYPE	R-HPF				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±5%				
Lamp Watts	WITHIN TRAPEZOID				
LINE CURRENT (Amps)					
Operating.....	1.50				
Open Circuit.....	2.35				
Starting.....	2.25				
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029	A			
MIN. AMBIENT STARTING TEMP.	-40°F or -40°C				
NOM. OPEN CIRCUIT VOLTAGE	120				
INPUT VOLTAGE AT LAMP DROPOUT.....	96				
INPUT WATTS	170				
RECOMMENDED FUSE (Amps).....	8				
CORE and COIL					
Dimension (A)	2.00				
Dimension (B)	3.30				
Weight (lbs.)	4				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	55.0				
Volts (min.)	120				
Fault Current Withstand (amps)					
60 Hz TEST PROCEDURES (Refer to Advance Test Procedure for HID Ballasts - Form 1270)					
High Potential Test (Volts)					
1 minute					
2 seconds	2000				
Open Circuit Voltage Test (Volts)	2500				
Short-Circuit Current Test (Amps)	114-126				
Secondary Current					
Input Current.....	3.65-5.55	1.65	-	-	-
	2.75				

Wiring Diagram:

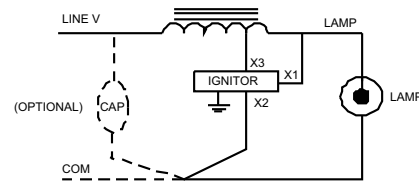


Fig. G

Ordering Information

Order Suffix	Description
500D.	Ballast With Ignitor and Dry Film Capacitor
510D.	Ballast w/Welded Bracket, Ignitor, & Dry Film Capacitor
600.	Ballast and Ignitor, No Capacitor
610.	Ballast with Welded Bracket and Ignitor, No Capacitor

Data is based upon tests performed by Advance Transformer in a controlled environment and representative of relative performance.
Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.