ADVANCE by signify

Ballasts

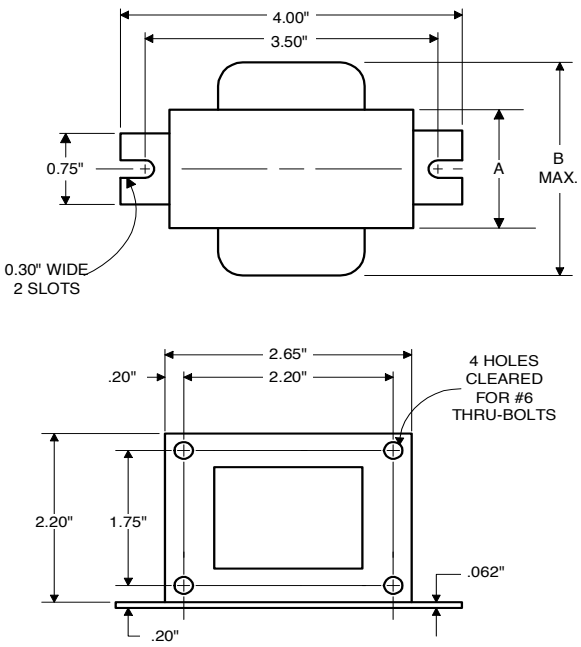
High Pressure Sodium

71A8107B

Electrical Specifications at 120V

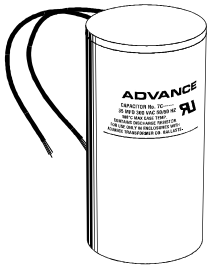
DIMENSIONS AND DATA

2 5/8 X 2 3/16 CORE



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℃)					
Coil Temperature Code	1029	A				
MIN. AMBIENT STARTING TEMP.	-40℉ or -40℃					
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)	3.60					
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	2000					
2 seconds	2500					
Open Circuit Voltage Test (Volts)	114-126					
Short-Circuit Current Test (Amps)						
Secondary Current	3.65-5.55					
Input Current		1.65-2.75	-	-	-	-

Capacitor: 7C550P12



Capacitance:	55
Dia/Oval Dim:	1.75
Height:	3.75
Temp Rating:	105℃

Ignitor: INTEGRAL

An ignitor integral to the core and coil assembly is used to start the lamp.

Ballast to Lamp Distance (BTL) = 2 feet
Temp Rating: 125℃

Wiring Diagram:

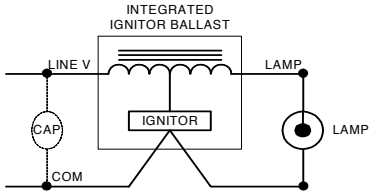


Fig. H

Ordering Information	
Order Suffix	Description

Data is based upon tests performed by Advance Transformer 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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