ADVANCE
by signify

Ballasts

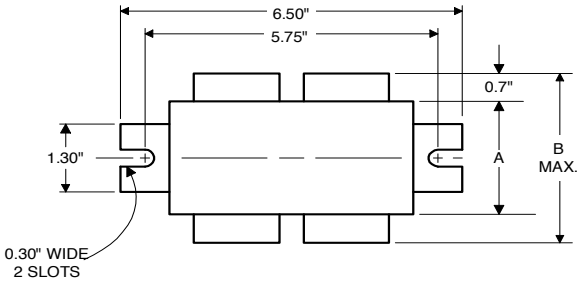
High Pressure Sodium

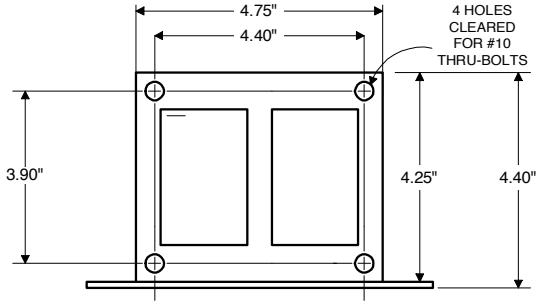
71A82A1

Electrical Specifications at 120-277-347V

DIMENSIONS AND DATA

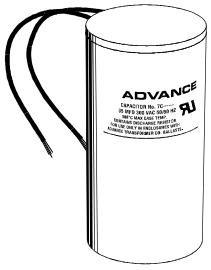
4 1/4 X 4 3/4 CORE - 2 COIL UNIT





INPUT VOLTS		120	277	347		
CIRCUIT TYPE	CWA					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	WITHIN TRAPEZOID					
LINE CURRENT (Amps)						
Operating		2.70	1.15	0.93		
Open Circuit		1.70	0.75	0.70		
Starting		1.65	0.70	0.60		
UL TEMPERATURE RATINGS						
Insulation Class	H(180℃)					
Coil Temperature Code	1029	C	C	B		
MIN. AMBIENT STARTING TEMP.	-40℉ or -40℃					
NOM. OPEN CIRCUIT VOLTAGE	187					
INPUT VOLTAGE AT LAMP DROPOUT		90	208	260		
INPUT WATTS	295					
RECOMMENDED FUSE (Amps)		7	3	2		
CORE and COIL						
Dimension (A)	1.94					
Dimension (B)	3.60					
Weight (lbs.)	11.5					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	35.0					
Volts (min.)	240					
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)	170-205					
Short-Circuit Current Test (Amps)						
Secondary Current	3.70-4.50					
Input Current		0.70-1.10	0.38-0.45	0.20-0.38	-	-

Capacitor: 7C350P24



Capacitance: 35
Dia/Oval Dim: 1.75
Height: 3.75
Temp Rating: 105℃

Ignitor: LI501-H4

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

Wiring Diagram:

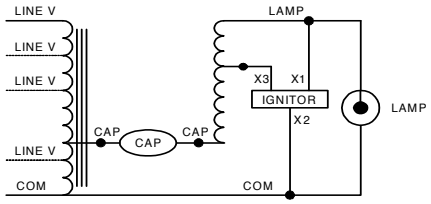


Fig. M

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.

The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract.

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