ADVANCE by signify

Ballasts

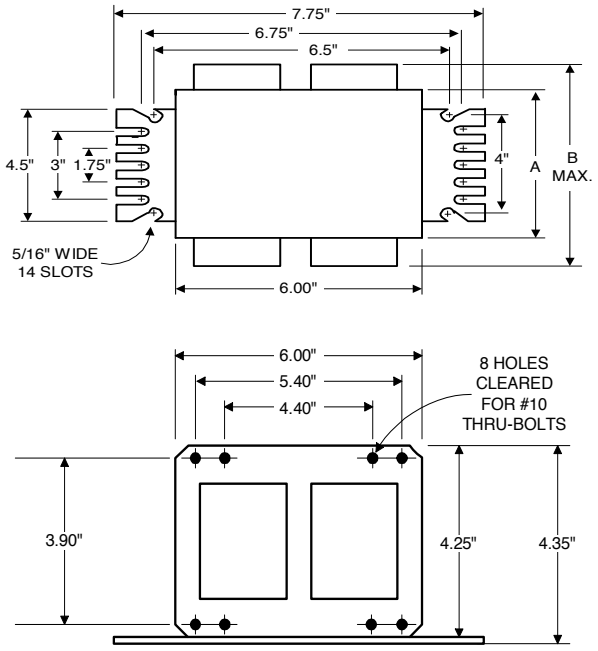
High Pressure Sodium

71A87A3

Electrical Specifications at 120-277-347V

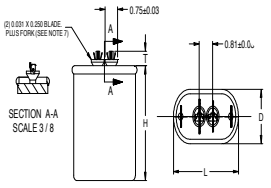
DIMENSIONS AND DATA

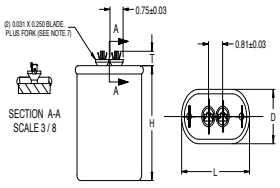
4 1/4 X 6 CORE - 2 COIL UNIT



INPUT VOLTS		120	277	347		
CIRCUIT TYPE	CWA					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	WITHIN TRAPEZOID					
LINE CURRENT (Amps)						
Operating		9.50	4.20	3.30		
Open Circuit		3.70	1.40	1.10		
Starting		6.40	2.80	2.20		
UL TEMPERATURE RATINGS						
Insulation Class	H(180℃)					
Coil Temperature Code	1029	C	C	C		
MIN. AMBIENT STARTING TEMP.	-40℉ or -40℃					
NOM. OPEN CIRCUIT VOLTAGE	435					
INPUT VOLTAGE AT LAMP DROPOUT		90	156	260		
INPUT WATTS	1100					
RECOMMENDED FUSE (Amps)		25	15	10		
CORE and COIL						
Dimension (A)	3.90					
Dimension (B)	5.90					
Weight (lbs.)	28					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	26.0					
Volts (min.)	525					
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)	395-485					
Short-Circuit Current Test (Amps)						
Secondary Current	6.40-7.80					
Input Current		6.90-10.4	3.00-4.60	2.50-3.70	-	-

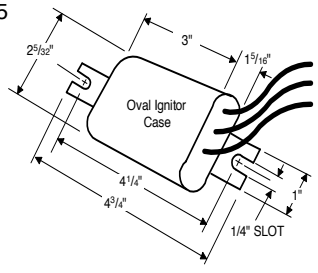
Capacitor: RW1626020 MD2602-100





Capacitance:	26	Capacitance:	26
Dia/Oval Dim:	1.75	Dia/Oval Dim:	1.75
Height:	4.25	Height:	5.3
Temp Rating:	90℃	Temp Rating:	90℃

Ignitor: LI571-H5



Ballast to Lamp Distance (BTL) = 15 feet
Temp Rating: 105℃

Wiring Diagram:

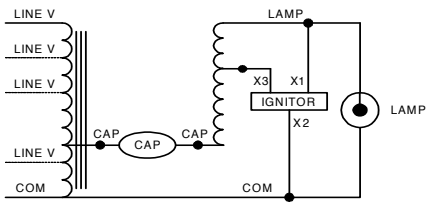


Fig. M

Ordering Information

Order Suffix	Description
500.	Ballast with Ignitor and Oil Filled Capacitor

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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