

**PHILIPS
ADVANCE**

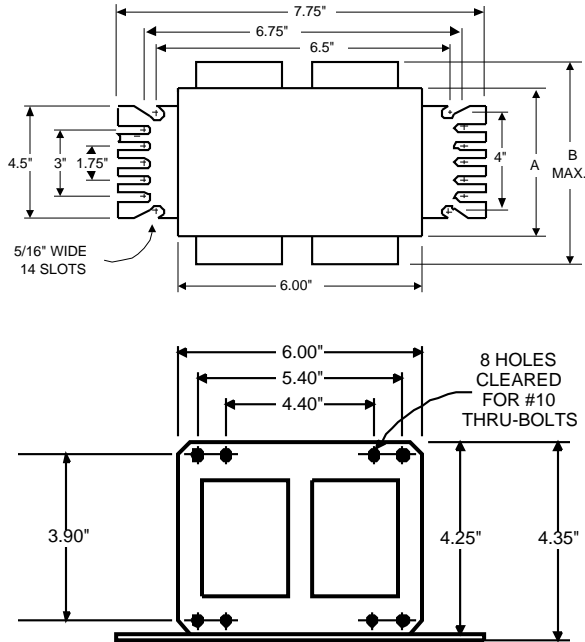


**High Pressure
Sodium
Lamp Ballast**

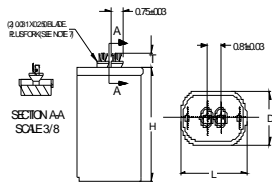
**Catalog Number 71A8773
For 1000W S52
60 Hz CWA
Status: Active**

DIMENSIONS AND DATA

4 1/4 X 6 CORE - 2 COIL UNIT

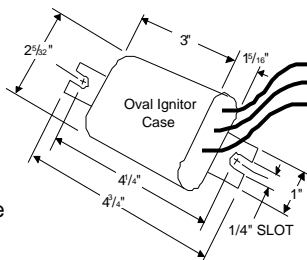


Capacitor: MD2602-030



Capacitance: 26
Dia/Oval Dim: 1.75
Height: 5.3
Temp Rating: 90°C

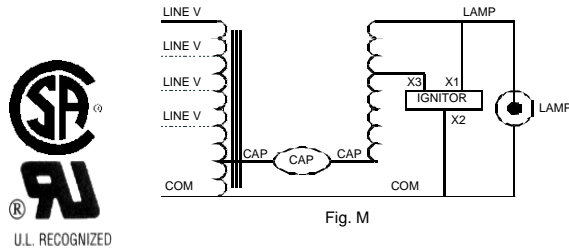
Ignitor: LI571-H5



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

		120	208	240	277
INPUT VOLTS					
CIRCUIT TYPE	CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	WITHIN TRAPEZOID				
LINE CURRENT (Amps)					
Operating.....		9.50	5.50	4.75	4.15
Open Circuit.....		4.80	2.70	2.40	2.20
Starting.....		6.40	3.80	3.20	2.80
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code		C	B	C	C
MIN. AMBIENT STARTING TEMP.	-40°F or -40°C				
NOM. OPEN CIRCUIT VOLTAGE	435				
INPUT VOLTAGE AT LAMP DROPOUT.....		90	156	180	208
INPUT WATTS	1100				
RECOMMENDED FUSE (Amps).....		25	15	10	10
CORE and COIL					
Dimension (A)	3.75				
Dimension (B)	5.75				
Weight (lbs.)	28				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	26.0				
Volts (min.)	525				
Fault Current Withstand (amps)					
60 Hz TEST PROCEDURES (Refer to Philips Lighting Electronics N.A. TEST Procedure for HID Ballasts - Form High Potential Test (Volts)					
1 minute	2000				
2 seconds	2500				
Open Circuit Voltage Test (Volts)	395-485				
Short-Circuit Current Test (Amps)	6.40-7.80				
Secondary Current					
Input Current.....		5.20	3.00	2.60	2.25
		7.80	4.50	3.80	3.40

Wiring Diagram:



Typical Ordering Information

(please call Philips Lighting Electronics N.A. for suffix availability)

Order Suffix	Description

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

PHILIPS LIGHTING ELECTRONICS N.A.

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