

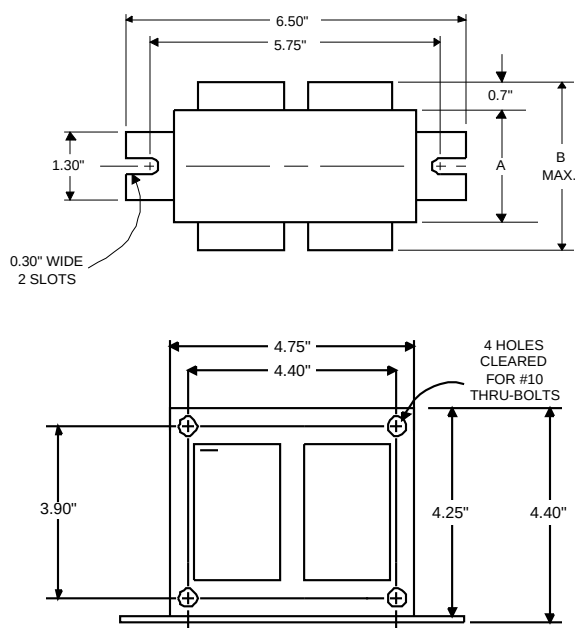
PHILIPS ADVANCE

High Pressure Sodium Lamp Ballast

Catalog Number 71A8970
For 200W S66
60 Hz CWA
Status: Active

DIMENSIONS AND DATA

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



Capacitor: 7C280P30-R



Capacitance: 28
Dia/Oval Dim: 1.75
Height: 3.75

Temp Rating: 105°C

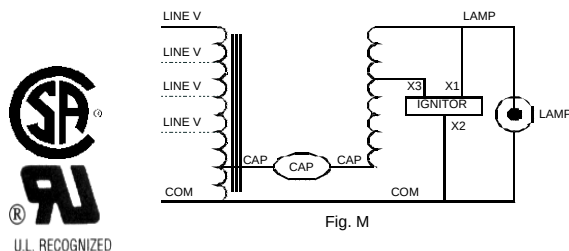
Ignitor: LI501-H4



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

INPUT VOLTS		120	208	240	277
CIRCUIT TYPE	CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	WITHIN TRAPEZOID				
LINE CURRENT (Amps)					
Operating.....		2.22	1.28	1.11	0.96
Open Circuit.....		1.30	0.75	0.65	0.60
Starting.....		1.50	0.90	0.75	0.65
UL TEMPERATURE RATINGS	H(180°C)				
Insulation Class	1029				
Coil Temperature Code	-40°F or -40°C	E	D	D	D
MIN. AMBIENT STARTING TEMP.	185				
NOM. OPEN CIRCUIT VOLTAGE					
INPUT VOLTAGE AT LAMP DROPOUT.....	240	75	130	150	175
INPUT WATTS					
RECOMMENDED FUSE (Amps).....		6	4	3	3
CORE and COIL	1.20				
Dimension (A)	3.00				
Dimension (B)	8.5				
Weight (lbs.)	12"				
Lead Lengths					
CAPACITOR REQUIREMENT					
Microfarads	28.0				
Volts (min.)	280				
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)	2000				
1 minute	2500				
2 seconds	165-205				
Open Circuit Voltage Test (Volts)					
Short-Circuit Current Test (Amps)	2.80-3.40				
Secondary Current					
Input Current.....		1.00	0.60	0.50	0.45
		1.60	0.95	0.80	0.70

Wiring Diagram:



Typical Ordering Information

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

Order Suffix	Description
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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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Revised: 06/10/03