

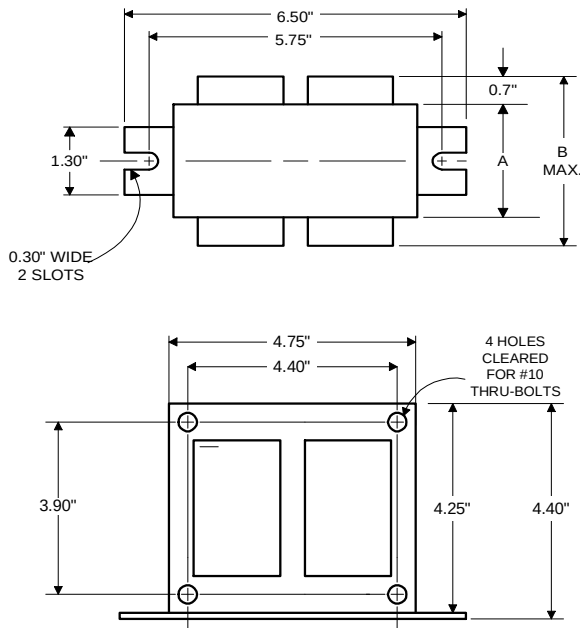
PHILIPS ADVANCE

High Pressure Sodium Lamp Ballast

Catalog Number 71A8990
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

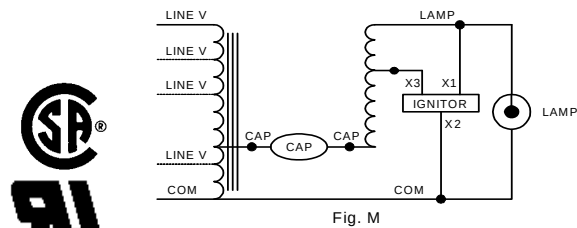
Ignitor: LI501-H4



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					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-40°F or -40°C				
NOM. OPEN CIRCUIT VOLTAGE	185				
INPUT VOLTAGE AT LAMP DROPOUT.....	75	130	150	175	
INPUT WATTS	240				
RECOMMENDED FUSE (Amps).....	6	4	3	3	
CORE and COIL					
Dimension (A)	1.20				
Dimension (B)	3.00				
Weight (lbs.)	8.5				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	28.0				
Volts (min.)	280				
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)	165-205				
Short-Circuit Current Test (Amps)					
Secondary Current	2.80-3.40				
Input Current.....	1.00-1.60	0.60-0.95	0.50-0.80	0.45-0.70	-

Wiring Diagram:



Ordering Information

Order Suffix

Description

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

Philips Lighting Electronic N.A.

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