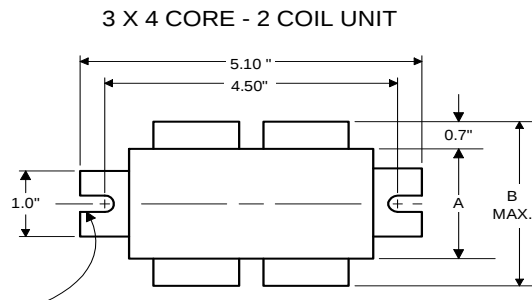


PHILIPS ADVANCE

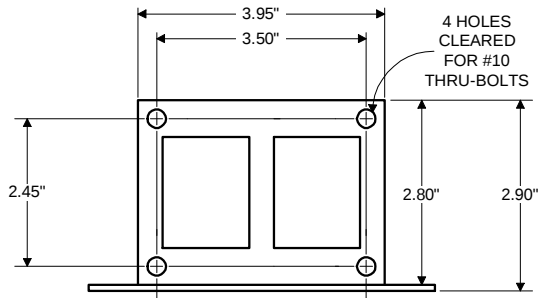
High Pressure Sodium Lamp Ballast

Catalog Number 71A8991
For 200W S66
60 Hz CWA
Status: Active

DIMENSIONS AND DATA



0.25" WIDE
2 SLOTS



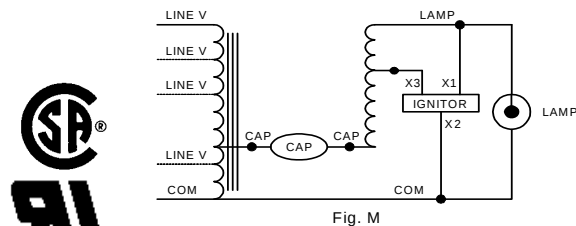
INPUT VOLTS		120	208	240	277	
CIRCUIT TYPE		CWA				
POWER FACTOR (min)		90%				
REGULATION		±10%				
Line Volts		WITHIN TRAPEZOID				
Lamp Watts						
LINE CURRENT (Amps)						
Operating.....		2.36	1.34	1.16	1.00	
Open Circuit.....		1.50	0.85	0.75	0.65	
Starting.....		1.40	0.80	0.70	0.60	
UL TEMPERATURE RATINGS						
Insulation Class		H(180°C)				
Coil Temperature Code		1029				
MIN. AMBIENT STARTING TEMP.		-40°F or -40°C				
NOM. OPEN CIRCUIT VOLTAGE		195				
INPUT VOLTAGE AT LAMP DROPOUT.....		90	156	180	208	
INPUT WATTS		250				
RECOMMENDED FUSE (Amps).....		8	5	5	3	
CORE and COIL						
Dimension (A)		3.00				
Dimension (B)		4.20				
Weight (lbs.)		8.5				
Lead Lengths		12"				
CAPACITOR REQUIREMENT						
Microfarads		24.0				
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)		175-215				
Short-Circuit Current Test (Amps)						
Secondary Current		2.70-3.40				
Input Current.....		0.90-1.40	0.50-0.80	0.45-0.70	0.40-0.60	-

Capacitor: 7C240P30RA



Capacitance: 24
Dia/Oval Dim: 1.65
Height: 3.7
Temp Rating: 105°C

Wiring Diagram:



Ordering Information

Order Suffix

Description

Ignitor:

LI501-H4



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

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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08/14/13