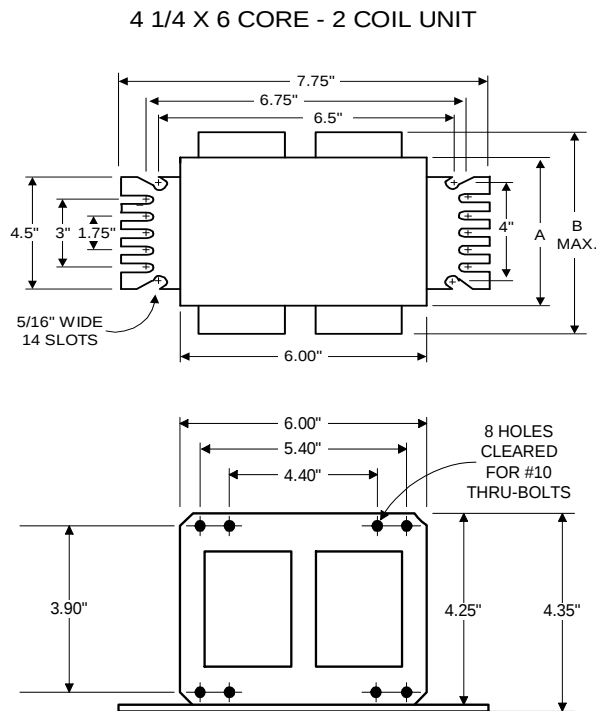


PHILIPS ADVANCE

High Pressure Sodium Lamp Ballast

Catalog Number 71A85E5
For 600W S106
60 Hz CWA
Status: Active

DIMENSIONS AND DATA

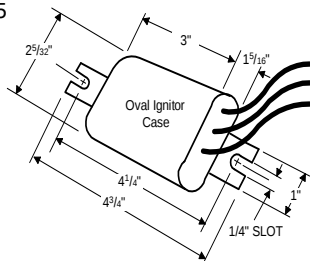


Capacitor: 7C640S28RA



Capacitance: 64
Dia/Oval Dim: 2.05
Height: 5
Temp Rating: 105°C

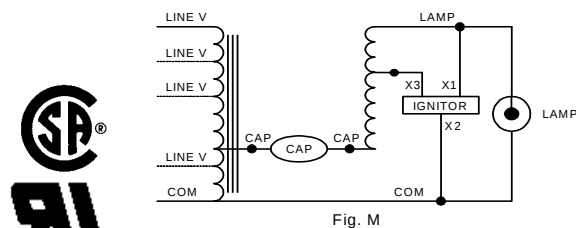
Ignitor: LI561-H5



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

INPUT VOLTS		120	208	240		
CIRCUIT TYPE	CWA					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating.....		5.50	3.25	2.85		
Open Circuit.....		3.00	1.75	1.60		
Starting.....		5.25	3.00	2.60		
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	220					
INPUT VOLTAGE AT LAMP DROPOUT.....		65	110	130		
INPUT WATTS	670					
RECOMMENDED FUSE (Amps).....		15	9	8		
CORE and COIL						
Dimension (A)	3.15					
Dimension (B)	5.10					
Weight (lbs.)	22.5					
Lead Lengths	18"					
CAPACITOR REQUIREMENT						
Microfarads	64.0					
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)	200-245					
Short-Circuit Current Test (Amps)						
Secondary Current	7.40-9.00					
Input Current.....		3.30-5.00	1.90-2.80	1.60-2.40	-	-

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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08/14/13