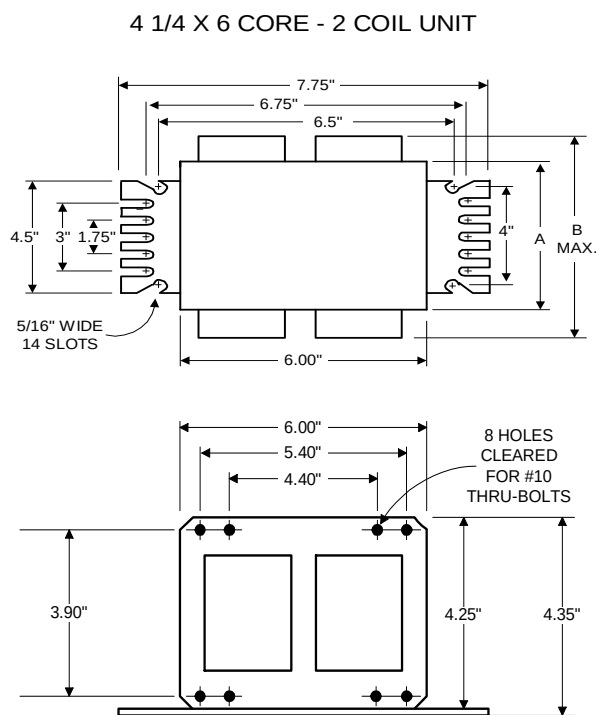


PHILIPS ADVANCE

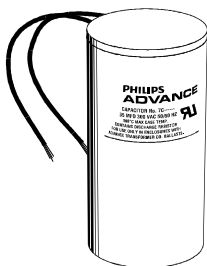
High Pressure Sodium Lamp Ballast

Catalog Number 71A86E5
For 750W S111
60 Hz CWA
Status: Active

DIMENSIONS AND DATA

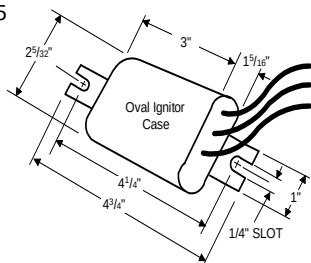


Capacitor: 7C750S28RA



Capacitance: 75
 Dia/Oval Dim: 2.05
 Height: 5
 Temp Rating: 105°C

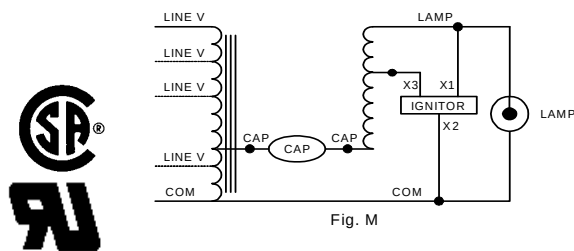
Ignitor: LI561-H5



Ballast to Lamp Distance
(BTL) = 5 feet
 Temp Rating: 105°C

INPUT VOLTS	120	208	240		
CIRCUIT TYPE	CWA				
POWER FACTOR (min)	90%				
REGULATION	±10%				
Line Volts	WITHIN TRAPEZOID				
Lamp Watts					
LINE CURRENT (Amps)					
Operating.....	6.75	4.00	3.50		
Open Circuit.....	3.00	1.75	1.60		
Starting.....	6.30	3.70	3.20		
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.....	90	156	180		
INPUT WATTS	840				
RECOMMENDED FUSE (Amps).....	20	10	10		
CORE and COIL					
Dimension (A)	3.15				
Dimension (B)	5.10				
Weight (lbs.)	22.5				
Lead Lengths	18"				
CAPACITOR REQUIREMENT					
Microfarads	75.0				
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	9.20-11.25				
Input Current.....	4.40-6.50	2.50-3.85	2.20-3.40	-	-

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