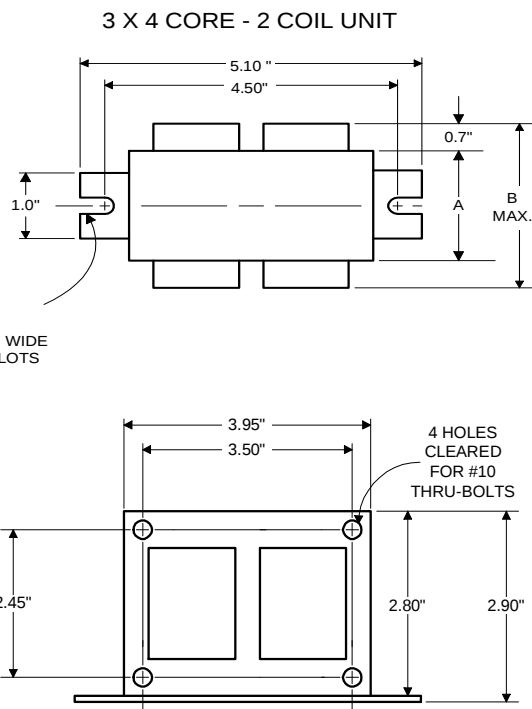


**PHILIPS
ADVANCE**

High Pressure
Sodium
Lamp Ballast

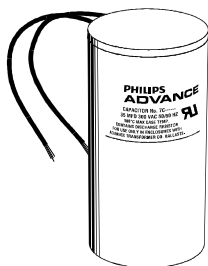
Catalog Number 71A79E6
For 70W S62
60 Hz CWI
Status: Active

DIMENSIONS AND DATA



INPUT VOLTS	120	208	240		
CIRCUIT TYPE	CWI				
POWER FACTOR (min)	90%				
REGULATION	±10%				
Line Volts	WITHIN TRAPEZOID				
Lamp Watts					
LINE CURRENT (Amps)					
Operating.....	0.86	0.50	0.43		
Open Circuit.....	0.50	0.30	0.25		
Starting.....	0.50	0.30	0.25		
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	110				
INPUT VOLTAGE AT LAMP DROPOUT.....	90	156	180		
INPUT WATTS	95				
RECOMMENDED FUSE (Amps).....	3	2	2		
CORE and COIL					
Dimension (A)	1.60				
Dimension (B)	2.90				
Weight (lbs.)	5.8				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	24.0				
Volts (min.)	300				
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)	100-120				
Short-Circuit Current Test (Amps)					
Secondary Current	1.90-2.35				
Input Current.....	0.25-0.40	0.15-0.25	0.12-0.20	-	-

Capacitor: 7C240P30RA



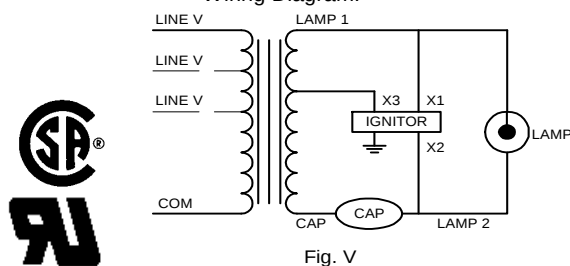
Capacitance: 24
Dia/Oval Dim: 1.65
Height: 3.7
Temp Rating: 105°C

Ignitor: LI551-J4



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

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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08/02/13