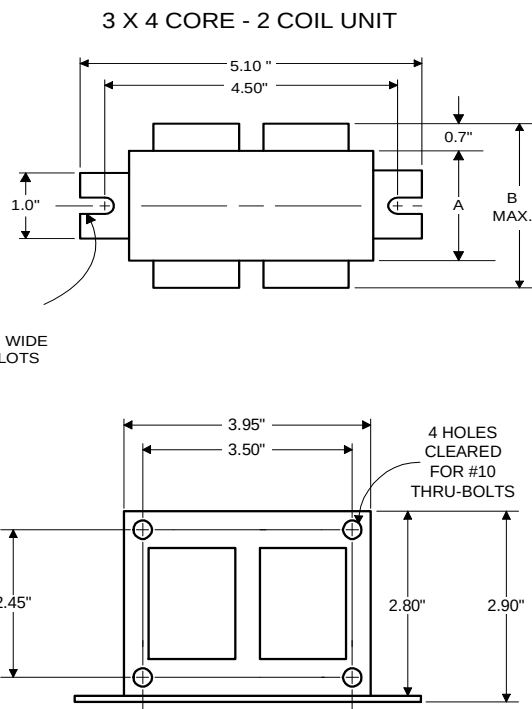


PHILIPS ADVANCE

High Pressure Sodium Lamp Ballast

Catalog Number 71A80E6
For 100W S54
60 Hz CWI
Status: Active

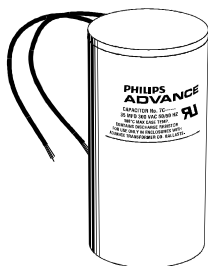
DIMENSIONS AND DATA



0.25" WIDE
2 SLOTS

INPUT VOLTS		120	208	240		
CIRCUIT TYPE	CWI					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	WITHIN TRAPEZOID					
LINE CURRENT (Amps)						
Operating.....		1.22	0.70	0.61		
Open Circuit.....		0.70	0.40	0.35		
Starting.....		0.70	0.40	0.35		
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	108					
INPUT VOLTAGE AT LAMP DROPOUT.....		90	156	180		
INPUT WATTS	130					
RECOMMENDED FUSE (Amps).....		3	2	2		
CORE and COIL						
Dimension (A)	2.07					
Dimension (B)	3.38					
Weight (lbs.)	6.75					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	35.0					
Volts (min.)	170					
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)	95-120					
Short-Circuit Current Test (Amps)						
Secondary Current	2.60-3.20					
Input Current.....		0.30-0.50	0.20-0.35	0.15-0.25	-	-

Capacitor: 7C350P24RA



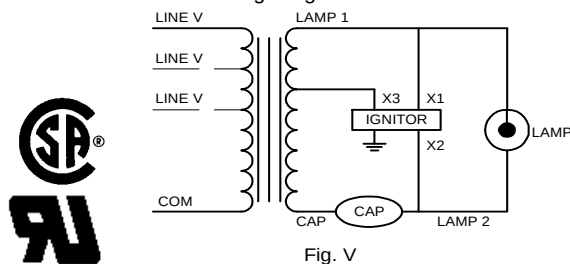
Capacitance: 35
Dia/Oval Dim: 1.65
Height: 3.7
Temp Rating: 105°C

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.

10275 West Higgins Road · Rosemont, IL 60018 · Tel:800-322-2086 Fax:888-432-1882
Customer Support/ Technical Service:800-372-3331 · OEM Support: 866-915-5886

06/24/13