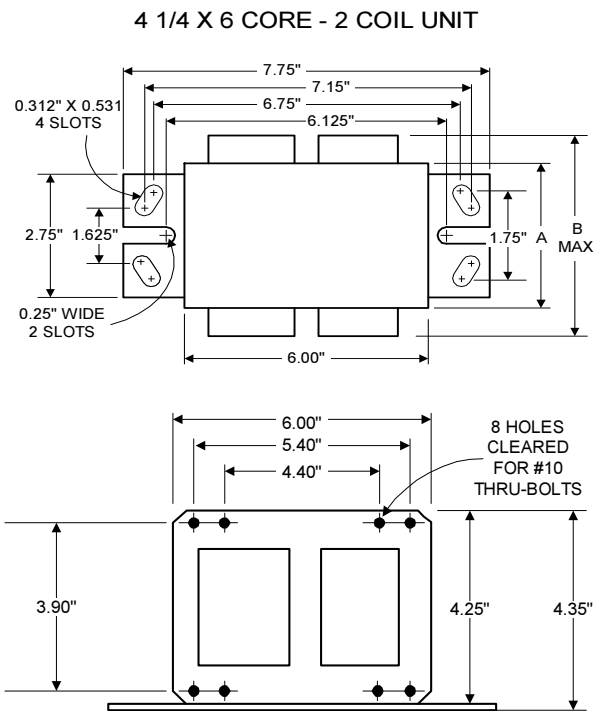


PHILIPS ADVANCE

Metal
Halide
Lamp Ballast

Catalog Number 71A6492A
For 750W M149 (Pulse Start)
60 Hz CWA
Status: Active

DIMENSIONS AND DATA

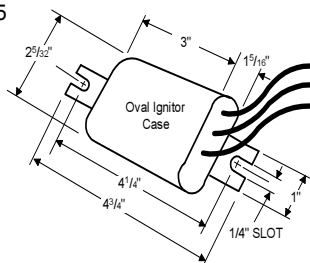


Capacitor: 7C280S40



Capacitance: 28
Dia/Oval Dim: 2.00
Height: 4.8
Temp Rating: 105°C

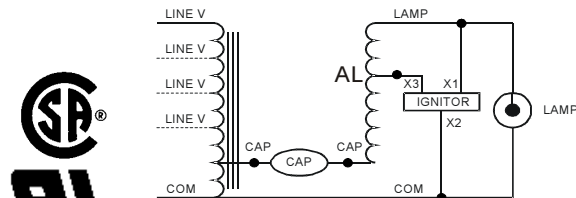
Ignitor: LI573-H5



Ballast to Lamp Distance
(BTL) = 3 feet
Temp Rating: 105°C

INPUT VOLTS	120	208	240	277
CIRCUIT TYPE	CWA			
POWER FACTOR (min)	90%			
REGULATION				
Line Volts	±10%			
Lamp Watts	±10%			
LINE CURRENT (Amps)				
Operating	6.95	3.90	3.50	3.00
Open Circuit	3.07	1.52	1.54	1.37
Starting	6.15	3.53	3.06	2.66
UL TEMPERATURE RATINGS				
Insulation Class	H(180°C)			
Coil Temperature Code	1029			
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C			
NOM. OPEN CIRCUIT VOLTAGE	355			
INPUT VOLTAGE AT LAMP DROPOUT	80	140	155	175
INPUT WATTS	818			
RECOMMENDED FUSE (Amps)	20	10	10	8
CORE and COIL				
Dimension (A)	3.00			
Dimension (B)	5.00			
Weight (lbs.)	21			
Lead Lengths	12"			
CAPACITOR REQUIREMENT				
Microfarads	28.0			
Volts (min.)	400			
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)	320-390			
Short-Circuit Current Test (Amps)				
Secondary Current	4.90-6.00			
Input Current	4.92-7.38	2.82-4.24	2.49-3.67	2.13-3.19

Wiring Diagram:



Ordering Information

Order Suffix	Description
500D	Ballast w / Dry Cap. & Ignitor (when required)

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

08/29/13