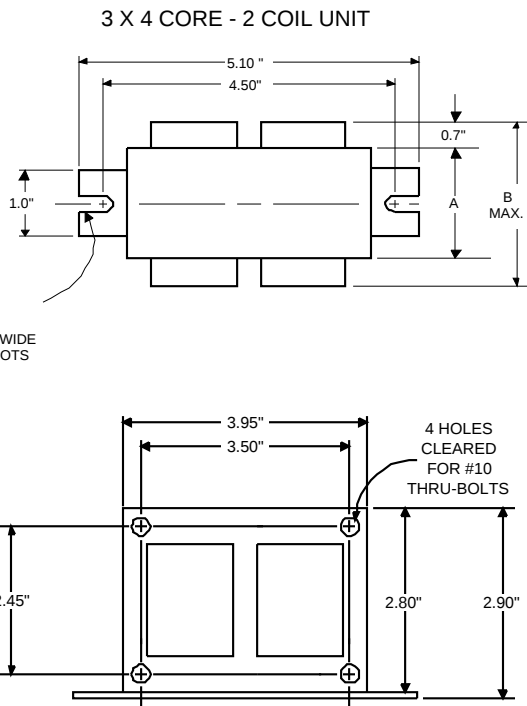


**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

**Catalog Number 71A5486
For 150W M81
60 Hz CWA
Status: Active**

DIMENSIONS AND DATA

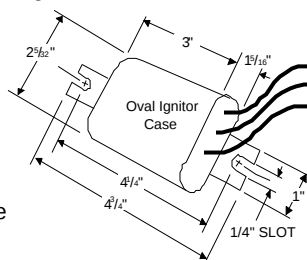


Capacitor: 7C225P30-R



Capacitance: 22.5
Dia/Oval Dim: 1.75
Height: 3.75
Temp Rating: 105°C

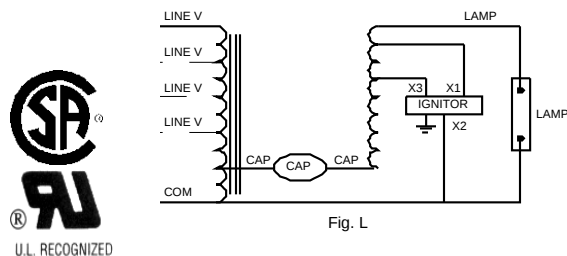
Ignitor: LI523-H5



Ballast to Lamp Distance
(BTL) = 2 feet
Temp Rating: 90°C

INPUT VOLTS		120	277			
CIRCUIT TYPE	CWA					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating.....		1.75	0.76			
Open Circuit.....		1.40	0.60			
Starting.....		0.95	0.40			
UL TEMPERATURE RATINGS						
Insulation Class	H(180°C)					
Coil Temperature Code	1029	F	E			
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C					
NOM. OPEN CIRCUIT VOLTAGE	187					
INPUT VOLTAGE AT LAMP DROPOUT.....		90	208			
INPUT WATTS	189					
RECOMMENDED FUSE (Amps).....		5	2			
CORE and COIL						
Dimension (A)	2.65					
Dimension (B)	3.80					
Weight (lbs.)	8.5					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	22.5					
Volts (min.)	240					
Fault Current Withstand (amps)						
60 Hz TEST PROCEDURES (Refer to Philips Lighting Electronics N.A. TEST Procedure for HID Ballasts - Form High Potential Test (Volts)						
1 minute	2000					
2 seconds	2500					
Open Circuit Voltage Test (Volts)	165-205					
Short-Circuit Current Test (Amps)						
Secondary Current	2.50-3.00					
Input Current.....		0.60	0.25	-	-	-
		1.05	0.45			

Wiring Diagram:



Typical Ordering Information

(please call Philips Lighting Electronics N.A. for suffix availability)

Order Suffix	Description
--------------	-------------

Data is based upon tests performed by Philips Lighting Electronics N.A. in a controlled environment and is representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

PHILIPS LIGHTING ELECTRONICS N.A.

10275 WEST HIGGINS ROAD · ROSEMONT, IL 60018

Tel: 800-322-2086 · Fax: 888-423-1882 · www.philips.com/advance

Customer Support/Technical Service: 800-372-3331 · OEM Support: 866-915-5886

Revised: 01/20/99