

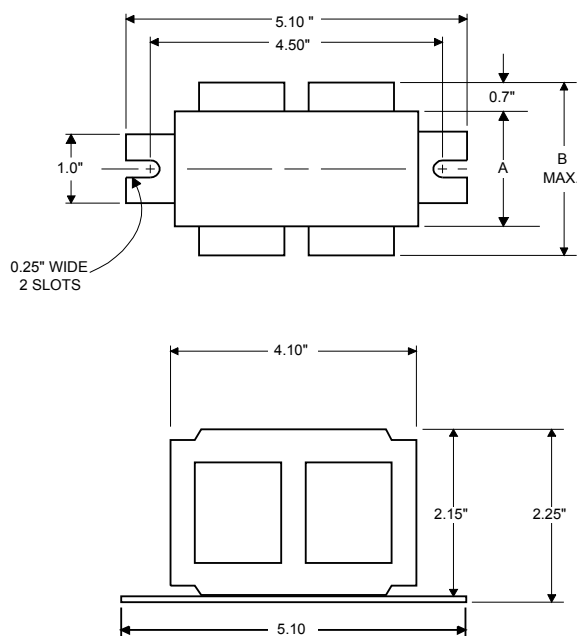
**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

**Catalog Number 71A5205P
For 70W M98
60 Hz HX-NPF
Status: Active**

DIMENSIONS AND DATA

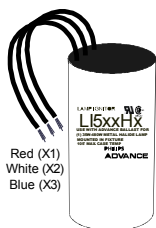
2 X 4 CORE



Capacitor:

This ballast does not require the use of a capacitor.

Ignitor: LI533-H4



Ballast to Lamp Distance (BTL) = 10 feet
Temp Rating: 105°C

INPUT VOLTS	120				
CIRCUIT TYPE	HX-NPF				
POWER FACTOR (min)	35%				
REGULATION					
Line Volts	±5%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	2.10				
Open Circuit.....	0.30				
Starting.....	2.50				
UL TEMPERATURE RATINGS	H(180°C)				
Insulation Class	1029				
Coil Temperature Code	-20°F or -30°C	B			
MIN. AMBIENT STARTING TEMP.	255				
NOM. OPEN CIRCUIT VOLTAGE					
INPUT VOLTAGE AT LAMP DROPOUT.....	94	90			
INPUT WATTS					
RECOMMENDED FUSE (Amps).....	6				
CORE and COIL	1.50				
Dimension (A)	2.65				
Dimension (B)	3.5				
Weight (lbs.)	12"				
Lead Lengths					
CAPACITOR REQUIREMENT					
Microfarads					
Volts (min.)					
Fault Current Withstand (amps)					
60 Hz TEST PROCEDURES (Refer to Philips Lighting Electronics N.A. TEST Procedure for HID Ballasts - Form 127					
High Potential Test (Volts)	2000				
	2500				
1 minute	230-280				
2 seconds					
Open Circuit Voltage Test (Volts)	0.85-1.25				
Short-Circuit Current Test (Amps)					
Secondary Current					
Input Current.....	2.00-3.00	-	-	-	-

**RoHS
COMPLIANT**

SA
U.L. RECOGNIZED

Wiring Diagram:

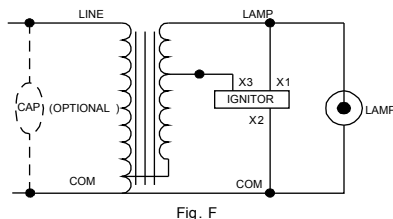


Fig. F

Typical Ordering Information

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

Order Suffix	Description
600.P	Thermally Protected Ballast with Ignitor, No Capacitor
610.P	Thermally Protected Ballast w/Welded Bracket, Ignitor, No Capacitor

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.

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