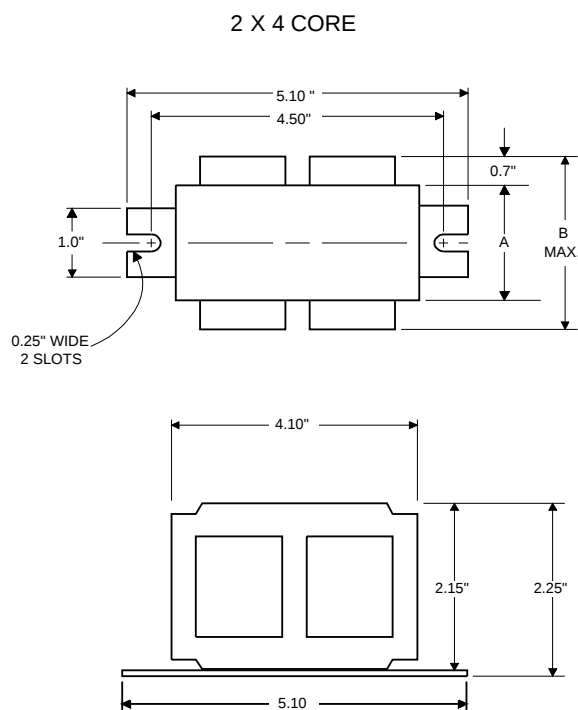


**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

**Catalog Number 71A5105P
For 50W M110
60 Hz HX-NPF
Status: Active**

DIMENSIONS AND DATA



Capacitor:

This ballast does not
require the use of a capacitor.

Ignitor: LI533-H4



Ballast to Lamp Distance
(BTL) = 20 feet
Temp Rating: 105°C

INPUT VOLTS	120				
CIRCUIT TYPE	HX-NPF				
POWER FACTOR (min)	30%				
REGULATION					
Line Volts	±5%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	1.82				
Open Circuit.....	0.24				
Starting.....	2.00				
UL TEMPERATURE RATINGS	H(180°C)				
Insulation Class	1029				
Coil Temperature Code	-30°F or -35°C	A			
MIN. AMBIENT STARTING TEMP.	275				
NOM. OPEN CIRCUIT VOLTAGE					
INPUT VOLTAGE AT LAMP DROPOUT.....	67	85			
INPUT WATTS					
RECOMMENDED FUSE (Amps).....	5				
CORE and COIL	1.10				
Dimension (A)	2.04				
Dimension (B)	2.35				
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	248-302				
2 seconds					
Open Circuit Voltage Test (Volts)	0.71-0.87				
Short-Circuit Current Test (Amps)					
Secondary Current					
Input Current.....	1.69-	-	-	-	-
	2.53				

**RoHS
COMPLIANT**

SA
UL
U.L. RECOGNIZED

Wiring Diagram:

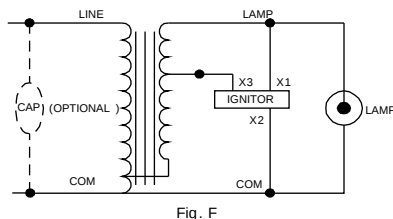


Fig. F

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.

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