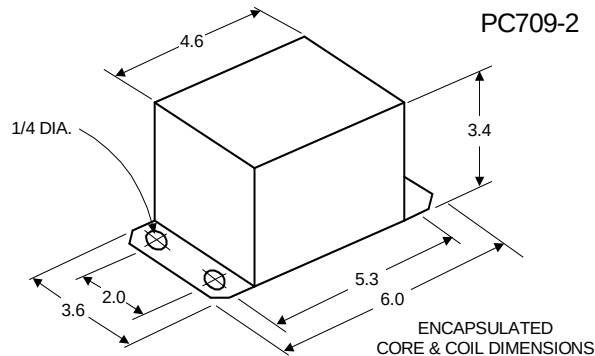


**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

**Catalog Number 73B5282
For 70W M98
60 Hz HX-HPF
Status: Active**

DIMENSIONS AND DATA



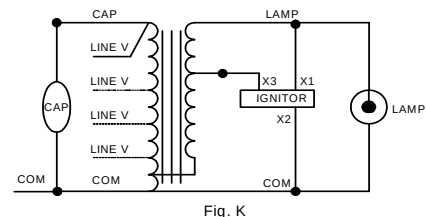
INPUT VOLTS	120	277			
CIRCUIT TYPE	HX-HPF				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±5%				
Lamp Watts	±7%				
LINE CURRENT (Amps)					
Operating.....	0.85	0.37			
Open Circuit.....	1.90	0.80			
Starting.....	0.55	0.25			
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C				
NOM. OPEN CIRCUIT VOLTAGE	255				
INPUT VOLTAGE AT LAMP DROPOUT.....	90	208			
INPUT WATTS	90				
RECOMMENDED FUSE (Amps).....	4	2			
CORE and COIL					
Dimension (A)					
Dimension (B)					
Weight (lbs.)	9				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	8.0				
Volts (min.)	280				
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)	230-280				
Short-Circuit Current Test (Amps)					
Secondary Current	0.95-1.25				
Input Current.....	0.55-0.80	0.25-0.45	-	-	-

Capacitor: 7C080L30RA



Capacitance: 8
Dia/Oval Dim: 1.25
Height: 2.75
Temp Rating: 105°C

Wiring Diagram:



Ordering Information

Order Suffix

Description

Ignitor: LI533-H4



Ballast to Lamp Distance
(BTL) = 15 feet
Temp Rating: 105°C

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.

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06/28/13