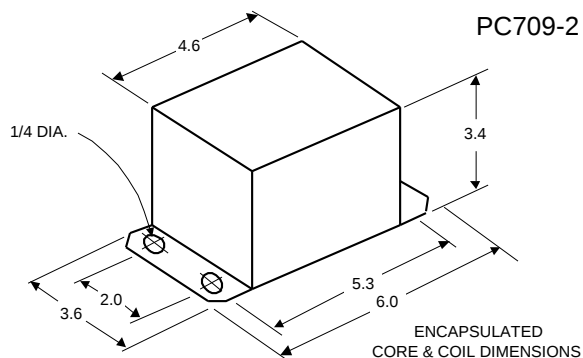


**PHILIPS
ADVANCE**

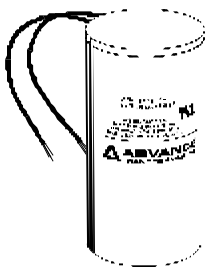
**Metal
Halide
Lamp Ballast**

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

DIMENSIONS AND DATA



Capacitor: 7C080L33-R



Capacitance: 8
Dia/Oval Dim: 1.25
Height: 2.9
Temp Rating: 105°C

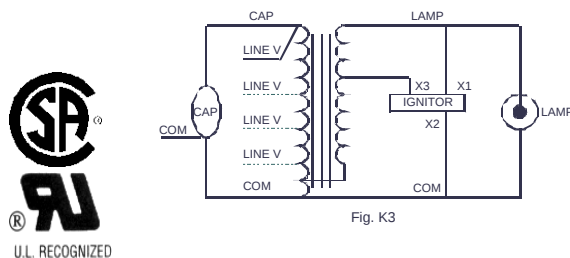
Ignitor: LI533-H4



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

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	A	A			
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 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)	230-280					
Short-Circuit Current Test (Amps)	0.95-1.25					
Secondary Current						
Input Current.....		0.55	0.25	-	-	-
		0.80	0.45			

Wiring Diagram:



Typical Ordering Information

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

Order Suffix	Description
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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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