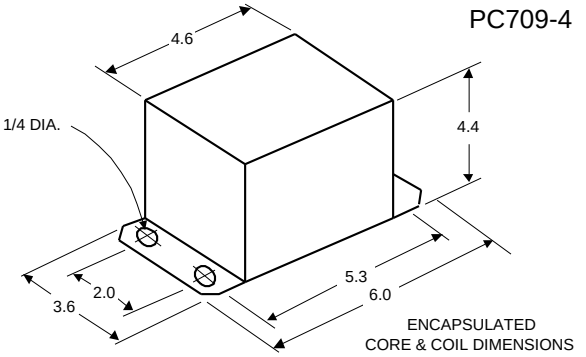
PHILIPS ADVANCE

Metal Halide Lamp Ballast

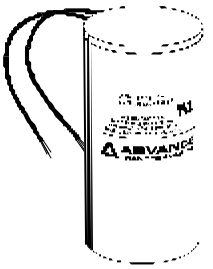
Catalog Number 73B5482
For 150W M102/M142
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA



INPUT VOLTS		120	277			
CIRCUIT TYPE	HX-HPF					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±5%					
Lamp Watts	±12%					
LINE CURRENT (Amps)						
Operating		1.60	0.70			
Open Circuit		3.65	1.58			
Starting		0.95	0.42			
UL TEMPERATURE RATINGS						
Insulation Class	H(180°C)					
Coil Temperature Code	1029	C	B			
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C					
NOM. OPEN CIRCUIT VOLTAGE	265					
INPUT VOLTAGE AT LAMP DROPOUT		90	208			
INPUT WATTS	185					
RECOMMENDED FUSE (Amps)		10	4			
CORE and COIL						
Dimension (A)						
Dimension (B)						
Weight (lbs.)	11					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	16.0					
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)	235-290					
Short-Circuit Current Test (Amps)						
Secondary Current	2.05-2.55					
Input Current		1.20 1.90	0.50 0.80	-	-	-

Capacitor: 7C160M30



Capacitance: 16
Dia/Oval Dim: 1.5
Height: 3.75
Temp Rating: 105°C

Wiring Diagram:

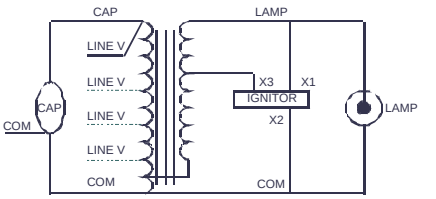


Fig. K3

U.L. RECOGNIZED

Ignitor: LI533-H4

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

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 representitive of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

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