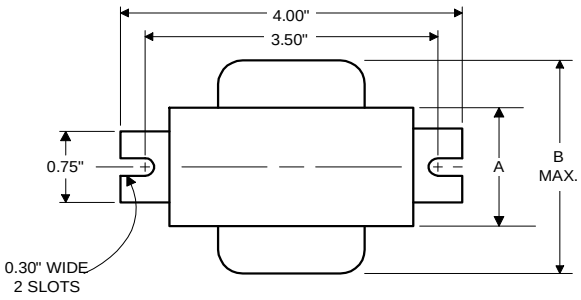
PHILIPS
ADVANCE

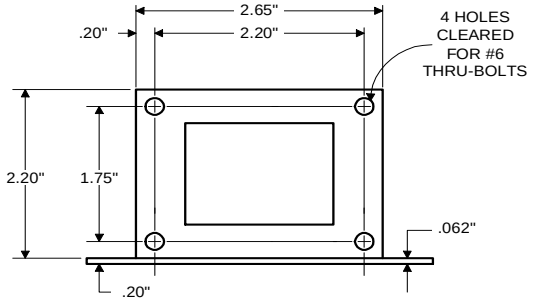
Metal Halide Lamp Ballast

Catalog Number 71A5137P
For 50W M110
60 Hz R-HPF
Status: Active

DIMENSIONS AND DATA

2 5/8 X 2 3/16 CORE





INPUT VOLTS		277				
CIRCUIT TYPE	R-HPF					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±5%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating		0.22				
Open Circuit		0.55				
Starting		0.35				
UL TEMPERATURE RATINGS						
Insulation Class	H(180℃)					
Coil Temperature Code	1029	A				
MIN. AMBIENT STARTING TEMP.	-20℉ or -30℃					
NOM. OPEN CIRCUIT VOLTAGE	277					
INPUT VOLTAGE AT LAMP DROPOUT		190				
INPUT WATTS	62					
RECOMMENDED FUSE (Amps)		2				
CORE and COIL						
Dimension (A)	1.10					
Dimension (B)	2.20					
Weight (lbs.)	2.2					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	5.0					
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)	260-290					
Short-Circuit Current Test (Amps)						
Secondary Current	0.65-0.95					
Input Current		0.25-0.35	-	-	-	-

Capacitor: 7C050L30RA



Capacitance: 5
Dia/Oval Dim: 1.25
Height: 2.25
Temp Rating: 105℃

Ignitor: LI533-H4



Ballast to Lamp Distance (BTL) = 2 feet
Temp Rating: 105℃

Wiring Diagram:

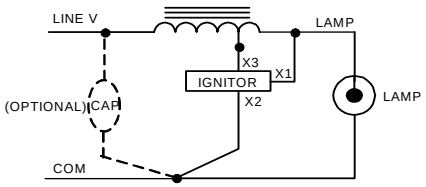


Fig. G

Ordering Information

Order Suffix	Description

Data is based upon tests performed by Philips Lighting Electronic N.A. in a controlled environment and representitive of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

Philips Lighting Electronic N.A.
10275 West Higgins Road · Rosemont, IL 60018 · Tel:800-322-2086 Fax:888-432-1882
Customer Support/ Technical Service:800-372-3331 · OEM Support: 866-915-5886

08/23/13