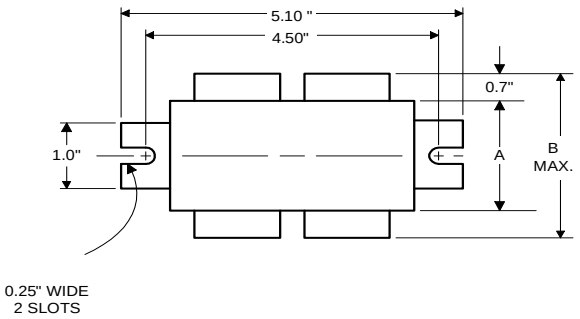
PHILIPS
ADVANCE

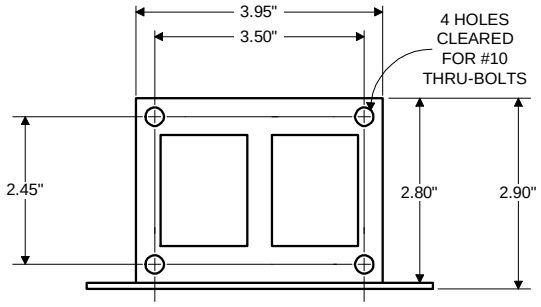
Metal Halide Lamp Ballast

Catalog Number 71A54N2
For 150W M102/M142
50 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA

3 X 4 CORE - 2 COIL UNIT





INPUT VOLTS		120	220	240		
CIRCUIT TYPE	HX-HPF					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±5%					
Lamp Watts	±14%					
LINE CURRENT (Amps)						
Operating		1.70	0.95	0.85		
Open Circuit		3.70	2.00	1.80		
Starting		2.00	1.15	1.00		
UL TEMPERATURE RATINGS						
Insulation Class	H(180℃)					
Coil Temperature Code	1029	C	C	D		
MIN. AMBIENT STARTING TEMP.	-20℉ or -30℃					
NOM. OPEN CIRCUIT VOLTAGE	248					
INPUT VOLTAGE AT LAMP DROPOUT		80	150	160		
INPUT WATTS	187					
RECOMMENDED FUSE (Amps)		10	5	5		
CORE and COIL						
Dimension (A)	2.50					
Dimension (B)	4.10					
Weight (lbs.)	7.5					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	28.0					
Volts (min.)	240					
Fault Current Withstand (amps)						
60 Hz TEST PROCEDURES (Refer to Advance Test Procedure for HID Ballasts - Form 1270)						
High Potential Test (Volts)						
1 minute	1500					
2 seconds	2500					
Open Circuit Voltage Test (Volts)	228-279					
Short-Circuit Current Test (Amps)						
Secondary Current	1.60-2.05					
Input Current		0.85-1.26	0.46-0.68	0.42-0.64	-	-

Capacitor: 7C280P30RA



Capacitance: 28
Dia/Oval Dim: 1.85
Height: 3.7
Temp Rating: 105℃

Ignitor: LI533-H4



Ballast to Lamp Distance (BTL) = 5 feet
Temp Rating: 105℃

Wiring Diagram:

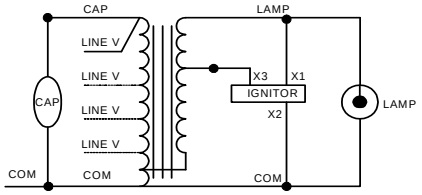


Fig. K

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.
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08/27/13