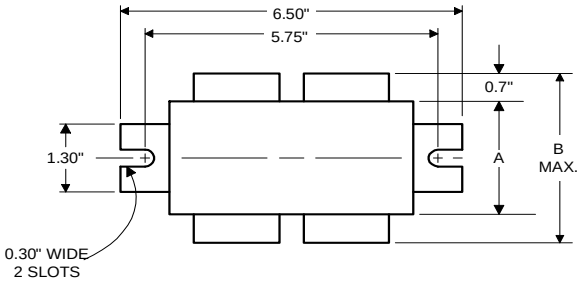
PHILIPS
ADVANCE

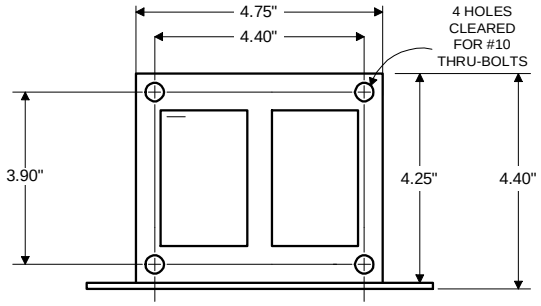
Metal
Halide
Lamp Ballast

Catalog Number 71A5770
For 250W M58
60 Hz CWA
Status: Active

DIMENSIONS AND DATA

4 1/4 X 4 3/4 CORE - 2 COIL UNIT





INPUT VOLTS		120	208	240	277	
CIRCUIT TYPE	CWA					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating		2.50	1.45	1.25	1.10	
Open Circuit		1.70	1.00	0.85	0.75	
Starting		2.20	1.30	1.10	1.00	
UL TEMPERATURE RATINGS						
Insulation Class	H(180℃)					
Coil Temperature Code	1029	B	B	B	B	
MIN. AMBIENT STARTING TEMP.	-20℉ or -30℃					
NOM. OPEN CIRCUIT VOLTAGE	300					
INPUT VOLTAGE AT LAMP DROPOUT		60	104	120	138	
INPUT WATTS	298					
RECOMMENDED FUSE (Amps)		8	5	5	3	
CORE and COIL						
Dimension (A)	1.60					
Dimension (B)	3.15					
Weight (lbs.)	10					
Lead Lengths	TERM"					
CAPACITOR REQUIREMENT						
Microfarads	15.0					
Volts (min.)	400					
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)	270-330					
Short-Circuit Current Test (Amps)						
Secondary Current	2.25-2.75					
Input Current		1.90-2.70	1.10-1.70	0.95-1.35	0.80-1.20	-

Capacitor: 7C150P40-R



Capacitance: 15
Dia/Oval Dim: 1.75
Height: 3.75
Temp Rating: 105℃

Ignitor: NA

This ballast does not require the use of an ignitor.

Wiring Diagram:

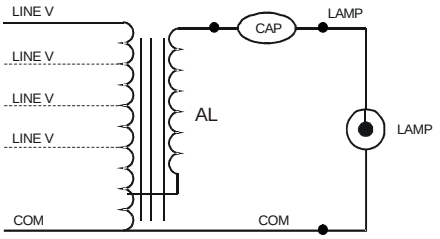


Fig. A1

Ordering Information

Order Suffix	Description
001D	STANDARD IC PACK WITH DRY CAP - NO FLAG TERMINALS

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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Customer Support/ Technical Service:800-372-3331 · OEM Support: 866-915-5886

02/21/13