

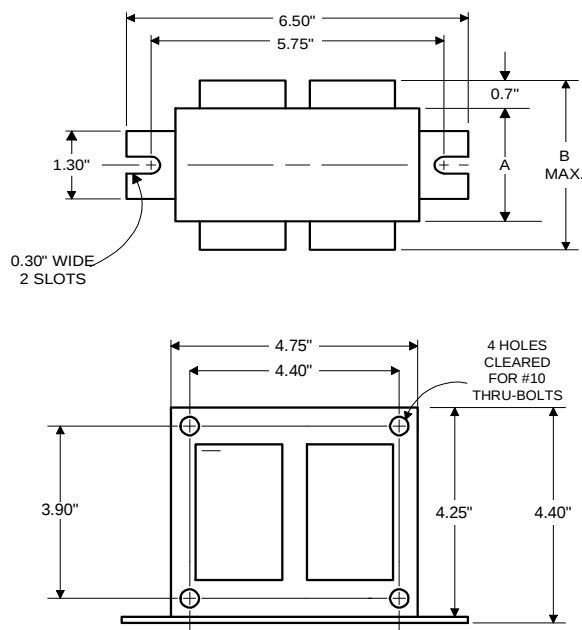
PHILIPS ADVANCE

Metal
Halide
Lamp Ballast

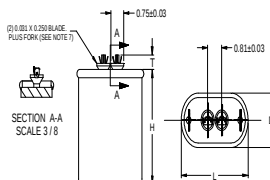
Catalog Number 71A60E6
For 400W M59
60 Hz CWI
Status: Active

DIMENSIONS AND DATA

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



Capacitor: MD2006-100



Capacitance: 20
Dia/Oval Dim: 1.75
Height: 3.375
Temp Rating: 90°C

Ignitor: NA

This ballast does not
require the use of an ignitor.

INPUT VOLTS		120	208	240		
CIRCUIT TYPE	CWI					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating.....		4.20	2.45	2.10		
Open Circuit.....		4.10	2.40	2.05		
Starting.....		1.30	0.75	0.65		
UL TEMPERATURE RATINGS						
Insulation Class	H(180°C)					
Coil Temperature Code	1029					
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C					
NOM. OPEN CIRCUIT VOLTAGE	320					
INPUT VOLTAGE AT LAMP DROPOUT.....		60	104	120		
INPUT WATTS	465					
RECOMMENDED FUSE (Amps).....		10	7	5		
CORE and COIL						
Dimension (A)	2.40					
Dimension (B)	4.00					
Weight (lbs.)	14					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	20.0					
Volts (min.)	425					
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)	290-360					
Short-Circuit Current Test (Amps)						
Secondary Current	3.40-4.20					
Input Current.....		0.55-0.85	0.30-0.50	0.27-0.43	-	-

Wiring Diagram:

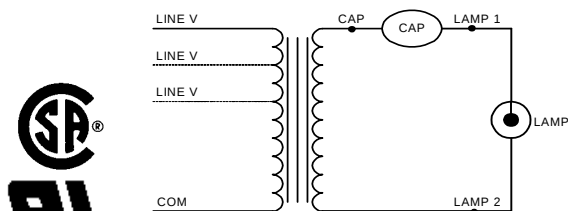


Fig. P

Ordering Information

Order Suffix

Description

Data is based upon tests performed by Philips Lighting Electronic N.A. in a controlled environment and representative 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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