

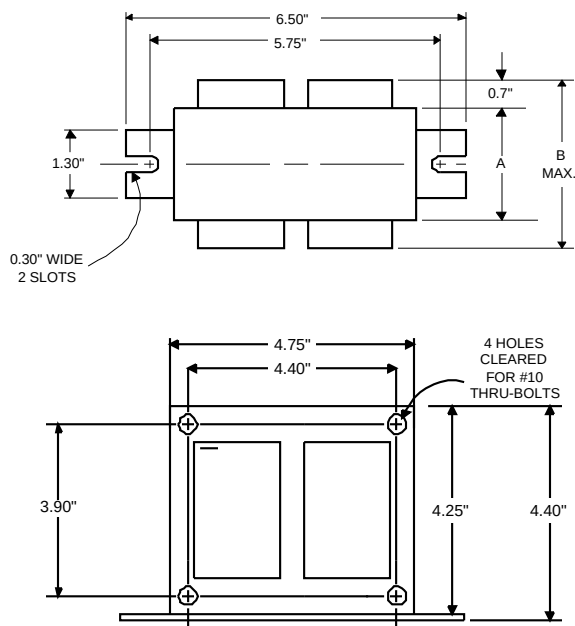
**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

**Catalog Number 71A6081
For 400W M59
60 Hz CWA
Status: Active**

DIMENSIONS AND DATA

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



Capacitor: 7C240P40-R



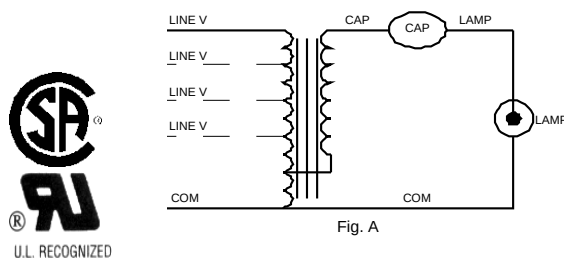
Capacitance: 24
 Dia/Oval Dim: 1.75
 Height: 5.125
 Temp Rating: 105°C

Ignitor: NA

This ballast does not
require the use of an ignitor.

INPUT VOLTS	120	277			
CIRCUIT TYPE	CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	4.00	1.75			
Open Circuit.....	3.00	1.30			
Starting.....	3.50	1.50			
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	300				
INPUT VOLTAGE AT LAMP DROPOUT.....	60	138			
INPUT WATTS	458				
RECOMMENDED FUSE (Amps).....	10	5			
CORE and COIL					
Dimension (A)	2.00				
Dimension (B)	3.90				
Weight (lbs.)	11.5				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	24.0				
Volts (min.)	400				
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)	270-330				
Short-Circuit Current Test (Amps)	3.50-4.30				
Secondary Current					
Input Current.....	2.70	1.10	-	-	-
	4.20	1.80			

Wiring Diagram:



Typical Ordering Information

(please call Philips Lighting Electronics N.A. for suffix availability)

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

PHILIPS LIGHTING ELECTRONICS N.A.

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