

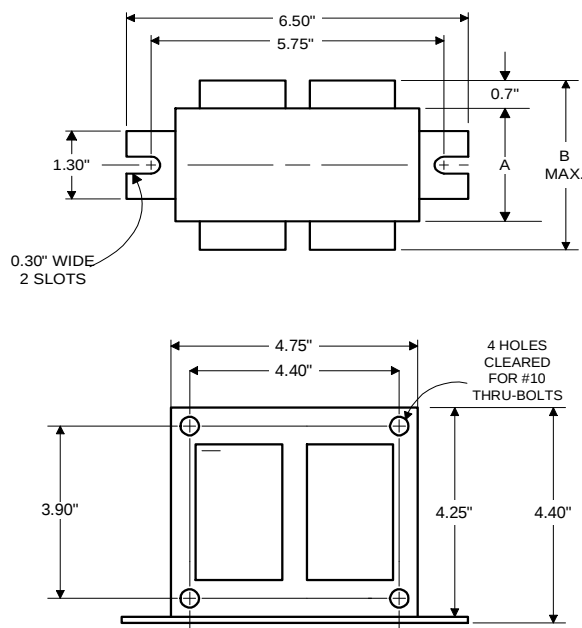
PHILIPS ADVANCE

Metal
Halide
Lamp Ballast

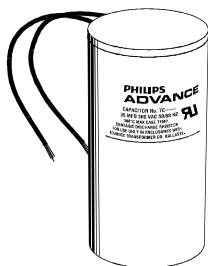
Catalog Number 71A6071
For 400W M59
60 Hz CWA
Status: Active

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: 4.8
Temp Rating: 105°C

Ignitor: NA

This ballast does not
require the use of an ignitor.

INPUT VOLTS		120	208	240	277
CIRCUIT TYPE		CWA			
POWER FACTOR (min)		90%			
REGULATION					
Line Volts		±10%			
Lamp Watts		±10%			
LINE CURRENT (Amps)					
Operating.....		4.00	2.30	2.00	1.72
Open Circuit.....		3.00	1.80	1.50	1.35
Starting.....		3.25	1.90	1.65	1.45
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		305			
INPUT VOLTAGE AT LAMP DROPOUT.....		50	85	100	120
INPUT WATTS		455			
RECOMMENDED FUSE (Amps).....		10	7	5	5
CORE and COIL					
Dimension (A)		2.13			
Dimension (B)		4.00			
Weight (lbs.)		10.5			
Lead Lengths		12"			
CAPACITOR REQUIREMENT					
Microfarads		24.0			
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)		275-336			
Short-Circuit Current Test (Amps)					
Secondary Current		3.43-4.19			
Input Current.....		2.54-3.81	1.46-2.19	1.27-1.90	1.10-1.66

Wiring Diagram:

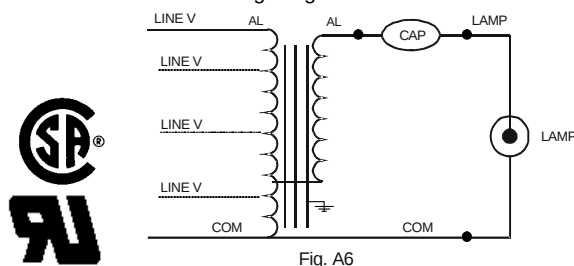


Fig. A6

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 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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