

PHILIPS ADVANCE

Metal
Halide
Lamp Ballast

Catalog Number 71A6091A
For 400W M59
60 Hz CWA
Status: Active

DIMENSIONS AND DATA

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



	120	208	240	277
INPUT VOLTS				
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

Capacitor: 7C240P40-R



Capacitance: 24
Dia/Oval Dim: 1.75
Height: 4.8
Temp Rating: 105°C

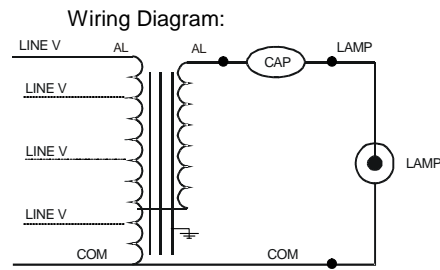


Fig. A6

Ordering Information

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

Ignitor:

NA

This ballast does not require the use of an ignitor.

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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