

PHILIPS ADVANCE

Metal
Halide
Lamp Ballast

Catalog Number 71A60N1
For 400W M59
50 Hz CWA
Status: Active

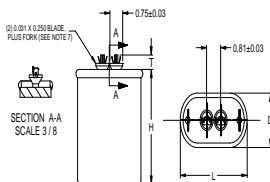
DIMENSIONS AND DATA

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



INPUT VOLTS	120	230			
CIRCUIT TYPE	CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	4.10	2.10			
Open Circuit.....	4.10	2.10			
Starting.....	2.70	1.40			
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.....	90	172			
INPUT WATTS	462				
RECOMMENDED FUSE (Amps).....	10	6			
CORE and COIL					
Dimension (A)	2.15				
Dimension (B)	3.70				
Weight (lbs.)	14.1				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	24.0				
Volts (min.)	450				
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)	315-385				
Short-Circuit Current Test (Amps)					
Secondary Current	4.90-6.10				
Input Current.....	5.30-8.10	2.80-4.20	-	-	-

Capacitor: MD2409-100



Capacitance: 24
Dia/Oval Dim: 1.75
Height: 3.9
Temp Rating: 90°C

Wiring Diagram:

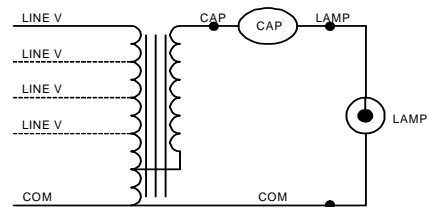


Fig. A

Ordering Information

Order Suffix

Description

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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