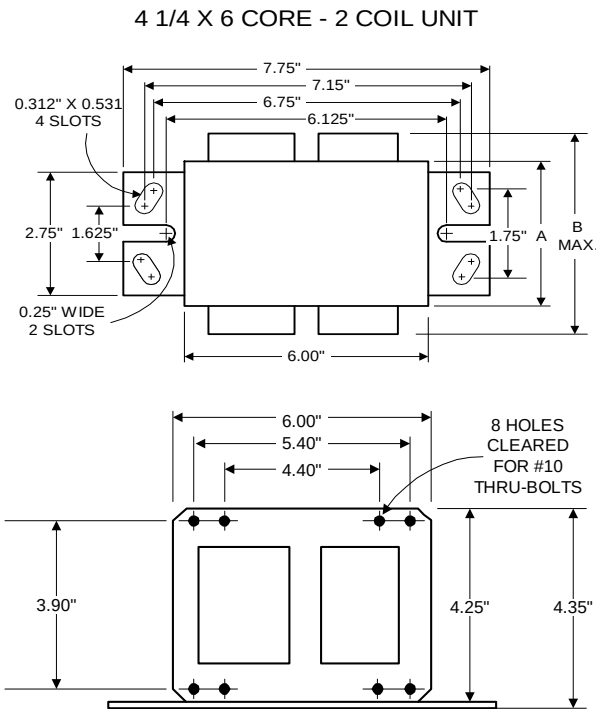


**PHILIPS
ADVANCE**

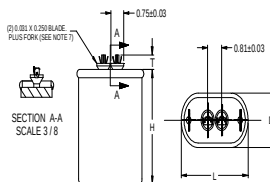
**Metal
Halide
Lamp Ballast**

**Catalog Number 71A6552
For 1000W M47
60 Hz CWA
Status: Active**

DIMENSIONS AND DATA



Capacitor: MD2409-100



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

Ignitor: NA

This ballast does not
require the use of an ignitor.

		120	208	240	277	480
INPUT VOLTS						
CIRCUIT TYPE		CWA				
POWER FACTOR (min)		90%				
REGULATION						
Line Volts		±10%				
Lamp Watts		±10%				
LINE CURRENT (Amps)						
Operating.....		9.20	5.80	4.80	4.10	2.40
Open Circuit.....		4.96	3.84	2.77	2.35	1.37
Starting.....		5.77	2.91	2.78	2.39	1.38
UL TEMPERATURE RATINGS						
Insulation Class		N(200°C)				
Coil Temperature Code		1029				
MIN. AMBIENT STARTING TEMP.		-20°F or -30°C				
NOM. OPEN CIRCUIT VOLTAGE		430				
INPUT VOLTAGE AT LAMP DROPOUT.....		80	130	160	190	320
INPUT WATTS		1090				
RECOMMENDED FUSE (Amps).....		25	15	12	10	6
CORE and COIL						
Dimension (A)		3.90				
Dimension (B)		5.60				
Weight (lbs.)		22				
Lead Lengths		12"				
CAPACITOR REQUIREMENT						
Microfarads		24.0				
Volts (min.)		480				
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)		387-473				
Short-Circuit Current Test (Amps)						
Secondary Current		5.22-6.38				
Input Current.....		4.36- 6.64	2.14- 3.20	2.10- 3.14	1.82- 2.74	1.04- 1.56

Wiring Diagram:

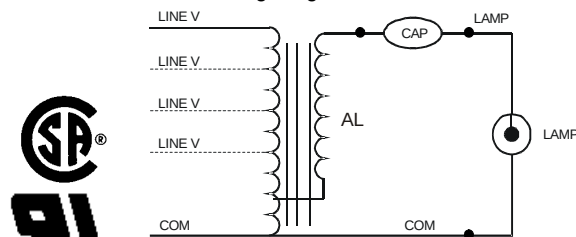


Fig. A1

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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05/09/13