ADVANCE by signify

Ballasts

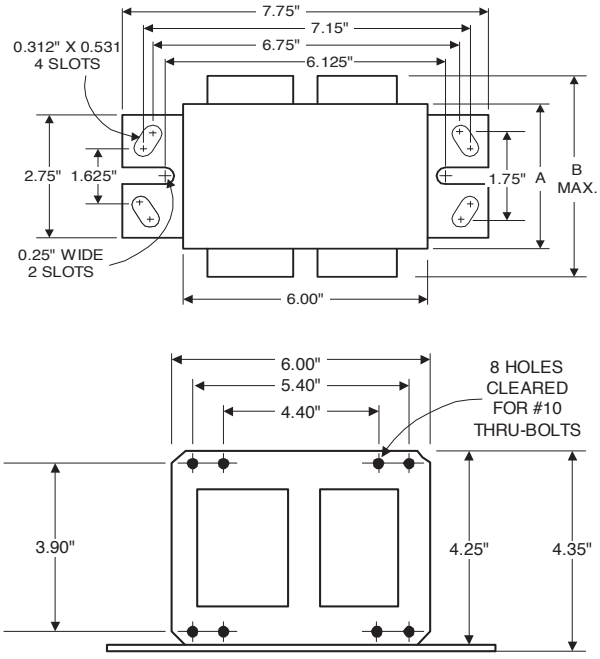
Metal Halide

71A6552

Electrical Specifications at 120-208-240-277-480V

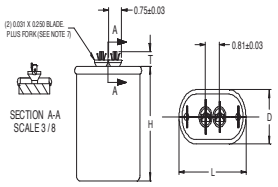
DIMENSIONS AND DATA

4 1/4 X 6 CORE - 2 COIL UNIT



INPUT VOLTS		120	208	240	277	480
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	H(180℃)					
Coil Temperature Code	1029	D	D	C	C	C
MIN. AMBIENT STARTING TEMP.	-20℉ or -30℃					
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

Capacitor: MD2409-100



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

Wiring Diagram:

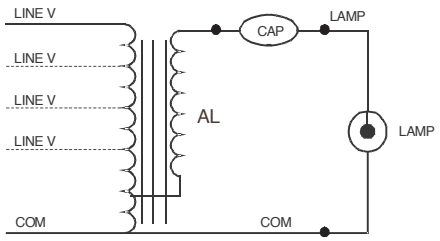


Fig. A1

Ignitor: NA

This ballast does not require the use of an ignitor.

Ordering Information	
Order Suffix	Description

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

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