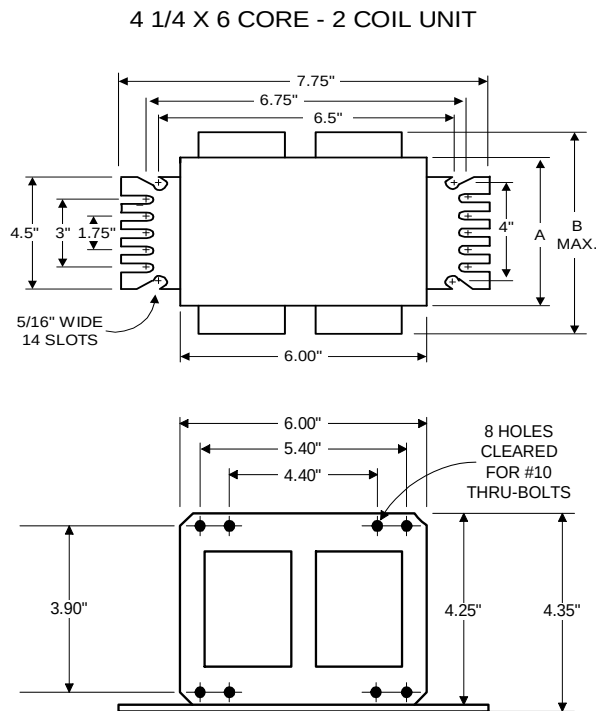


PHILIPS ADVANCE

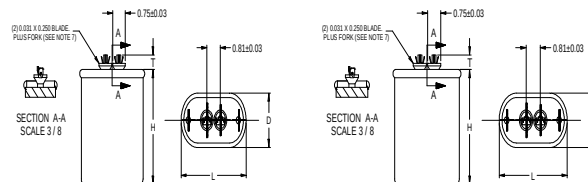
High Pressure Sodium Lamp Ballast

Catalog Number 71A8753
For 1000W S52
60 Hz CWA
Status: Active

DIMENSIONS AND DATA

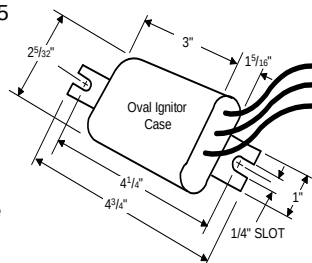


Capacitor: RW1626020 MD2602-100



Capacitance:	26	Capacitance:	26
Dia/Oval Dim:	1.75	Dia/Oval Dim:	1.75
Height:	4.25	Height:	5.3
Temp Rating:	90°C	Temp Rating:	90°C

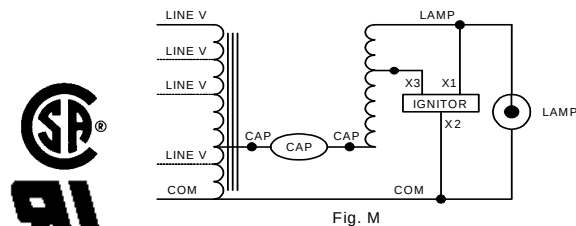
Ignitor: LI571-H5



Ballast to Lamp Distance
(BTL) = 15 feet
Temp Rating: 105°C

INPUT VOLTS		120	208	240	277	480
CIRCUIT TYPE		CWA				
POWER FACTOR (min)		90%				
REGULATION		±10%				
Line Volts		WITHIN TRAPEZOID				
Lamp Watts						
LINE CURRENT (Amps)						
Operating.....		9.28	5.32	4.68	4.03	2.31
Open Circuit.....		3.90	2.19	2.01	1.71	0.96
Starting.....		7.80	4.38	3.82	3.30	1.90
UL TEMPERATURE RATINGS						
Insulation Class		H(180°C)				
Coil Temperature Code		1029				
MIN. AMBIENT STARTING TEMP.		-40°F or -40°C				
NOM. OPEN CIRCUIT VOLTAGE		437				
INPUT VOLTAGE AT LAMP DROPOUT.....		89	155	176	202	360
INPUT WATTS		1100				
RECOMMENDED FUSE (Amps).....		25	15	12	10	6
CORE and COIL						
Dimension (A)		3.97				
Dimension (B)		6.00				
Weight (lbs.)		29				
Lead Lengths		18"				
CAPACITOR REQUIREMENT						
Microfarads		26.0				
Volts (min.)		525				
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)		390-476				
Short-Circuit Current Test (Amps)						
Secondary Current		6.24-7.63				
Input Current.....		5.83-8.74	3.36-5.05	2.92-4.38	2.53-3.80	1.46-2.19

Wiring Diagram:



Ordering Information

Order Suffix	Description
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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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