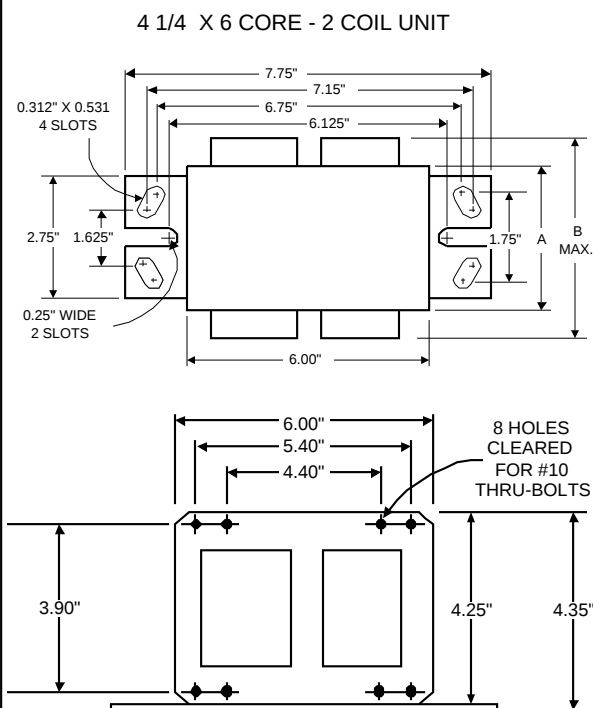


**PHILIPS
ADVANCE**

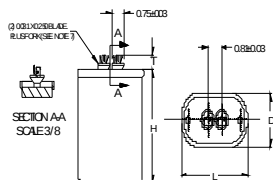
**Metal
Halide
Lamp Ballast**

Catalog Number 71A6593
For 1000W M141 (Pulse Start)
60 Hz SUPER-CWA
Status: Active

DIMENSIONS AND DATA

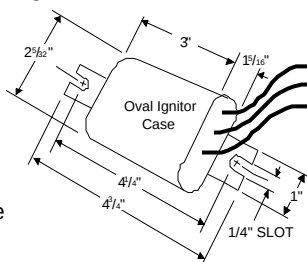


Capacitor: MD2409-000



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

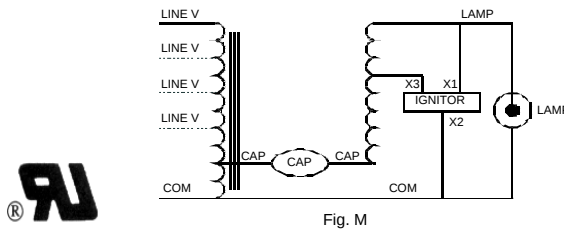
Ignitor: LI571-H5



Ballast to Lamp Distance
(BTL) = 5 feet
Temp Rating: 105°C

INPUT VOLTS		120	208	240	277
CIRCUIT TYPE	SUPER-CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±12%				
LINE CURRENT (Amps)					
Operating.....		9.00	5.20	4.50	3.90
Open Circuit.....		4.50	2.70	2.30	2.20
Starting.....		7.80	4.00	3.70	3.20
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	430				
INPUT VOLTAGE AT LAMP DROPOUT.....		84	146	168	194
INPUT WATTS	1080				
RECOMMENDED FUSE (Amps).....		20	15	10	10
CORE and COIL					
Dimension (A)	2.80				
Dimension (B)	4.50				
Weight (lbs.)	21				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	24.0				
Volts (min.)	480				
Fault Current Withstand (amps)					
60 Hz TEST PROCEDURES (Refer to Philips Lighting Electronics N.A. TEST Procedure for HID Ballasts - Form High Potential Test (Volts)					
1 minute	1500				
2 seconds	2500				
Open Circuit Voltage Test (Volts)	385-475				
Short-Circuit Current Test (Amps)					
Secondary Current	5.20-6.40				
Input Current.....		5.60	3.20	2.80	2.40
		8.60	4.80	4.30	3.75

Wiring Diagram:



Typical Ordering Information

(please call Philips Lighting Electronics N.A. for suffix availability)

Order Suffix	Description
500.	Ballast with Ignitor and Oil Filled Capacitor
510.	Ballast w/Welded Bracket, Igniter & Oil-Filled Capacitor

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

PHILIPS LIGHTING ELECTRONICS N.A.

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Revised: 10/09/00