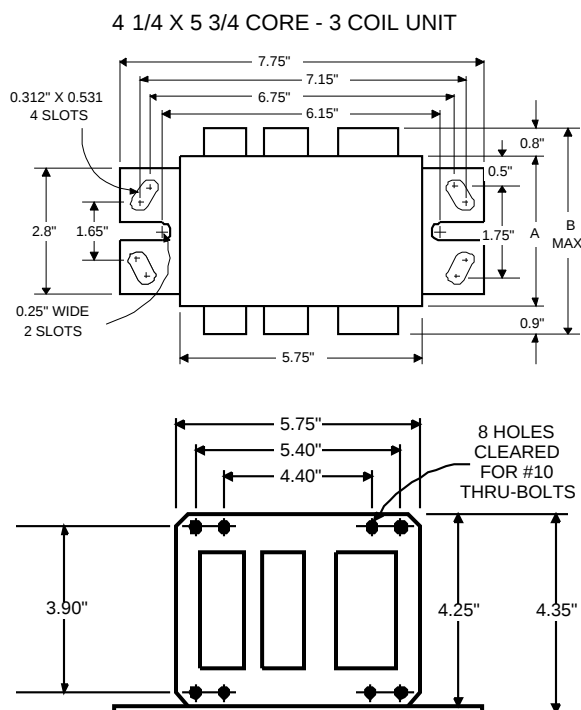


**PHILIPS
ADVANCE**

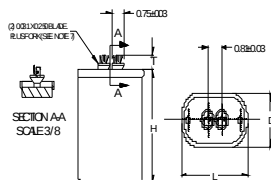
**Metal
Halide
Lamp Ballast**

**Catalog Number 71A6240
For 420W Metal Halide
60 Hz REGULATED LAG
Status: Active**

DIMENSIONS AND DATA



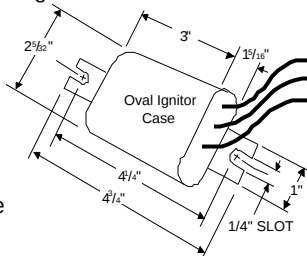
Capacitor: MD2409-000



Capacitance: 24
Dia/Oval Dim: 1.75
Height: 3.9

Temp Rating: 90°C

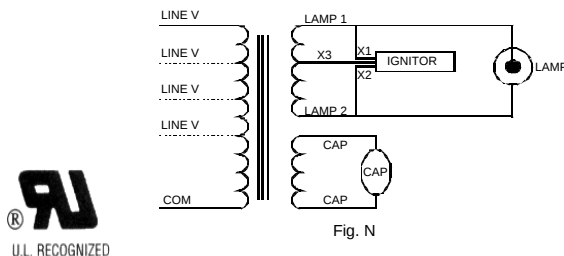
Ignitor: LI534-H5



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

INPUT VOLTS	480			
CIRCUIT TYPE	REGULATED LAG			
POWER FACTOR (min)	90%			
REGULATION				
Line Volts	±10%			
Lamp Watts	±3%			
LINE CURRENT (Amps)				
Operating.....	1.05			
Open Circuit.....	0.70			
Starting.....	0.40			
UL TEMPERATURE RATINGS	H(180°C)			
Insulation Class	1029			
Coil Temperature Code	-20°F or -30°C	C		
MIN. AMBIENT STARTING TEMP.	310			
NOM. OPEN CIRCUIT VOLTAGE				
INPUT VOLTAGE AT LAMP DROPOUT.....	200			
INPUT WATTS				
RECOMMENDED FUSE (Amps).....	3			
CORE and COIL	3.90			
Dimension (A)	5.75			
Dimension (B)	30			
Weight (lbs.)	12"			
Lead Lengths				
CAPACITOR REQUIREMENT	24.0			
Microfarads	480			
Volts (min.)				
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)	2000			
1 minute	2500			
2 seconds	280-340			
Open Circuit Voltage Test (Volts)				
Short-Circuit Current Test (Amps)	3.60-4.40			
Secondary Current				
Input Current.....	0.22	-	-	-
	0.32			

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

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

PHILIPS LIGHTING ELECTRONICS N.A.

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