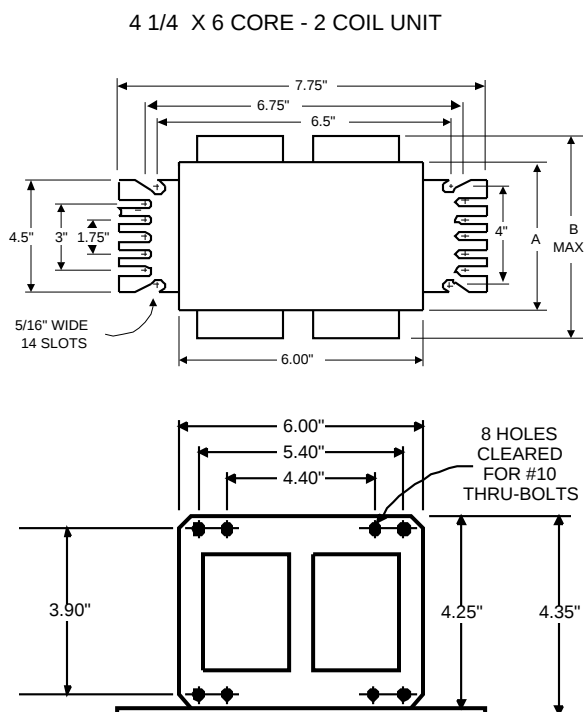


PHILIPS
ADVANCE

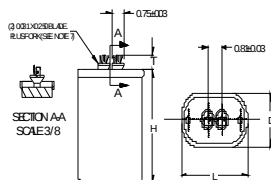
**Metal
Halide
Lamp Ballast**

Catalog Number 71A6742
For 1500W M48
60 Hz CWA
Status: Active

DIMENSIONS AND DATA



Capacitor: MD3202-100



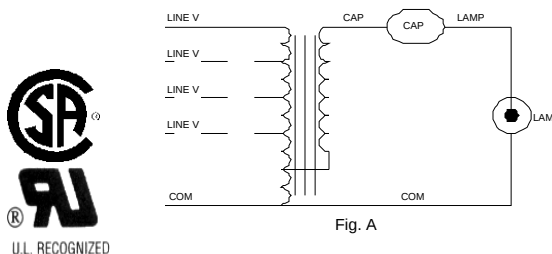
Capacitance: 32
Dia/Oval Dim: 1.75
Height: 5.3
Temp Rating: 90°C

Ignitor: NA

This ballast does not
require the use of an ignitor.

INPUT VOLTS	480				
CIRCUIT TYPE	CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±12%				
LINE CURRENT (Amps)					
Operating.....	3.40				
Open Circuit.....	1.40				
Starting.....	3.30				
UL TEMPERATURE RATINGS	H(180°C)				
Insulation Class	1029				
Coil Temperature Code	-20°F or -30°C	E			
MIN. AMBIENT STARTING TEMP.	450				
NOM. OPEN CIRCUIT VOLTAGE					
INPUT VOLTAGE AT LAMP DROPOUT.....	1625	320			
INPUT WATTS					
RECOMMENDED FUSE (Amps).....	10				
CORE and COIL	4.20				
Dimension (A)	6.20				
Dimension (B)	31				
Weight (lbs.)	12"				
Lead Lengths					
CAPACITOR REQUIREMENT	32.0				
Microfarads	525				
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	405-495				
Open Circuit Voltage Test (Volts)					
Short-Circuit Current Test (Amps)	7.40-9.00				
Secondary Current					
Input Current.....	2.40	-	-	-	-
	3.70				

Wiring Diagram:



Typical Ordering Information

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

Order Suffix	Description
500	Ballast with 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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Revised: 05/16/03