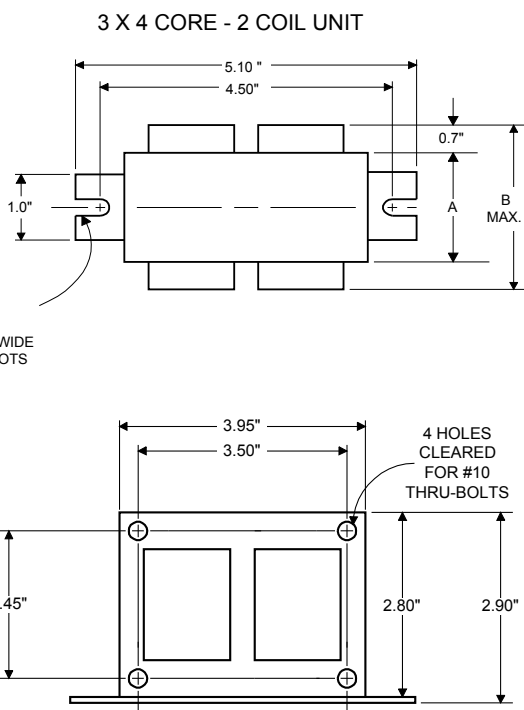


**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

**Catalog Number 71A5570
For 175/150W M57/M107
60 Hz CWA
Status: Active**

DIMENSIONS AND DATA



INPUT VOLTS	120	208	240	277	
CIRCUIT TYPE	CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	1.80	1.04	0.90	0.80	
Open Circuit.....	1.80	1.04	0.90	0.80	
Starting.....	1.30	0.75	0.65	0.55	
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	305				
INPUT VOLTAGE AT LAMP DROPOUT.....	60	104	120	138	
INPUT WATTS	210				
RECOMMENDED FUSE (Amps).....	5	3	3	2	
CORE and COIL					
Dimension (A)	2.50				
Dimension (B)	3.70				
Weight (lbs.)	6.75				
Lead Lengths	TERM"				
CAPACITOR REQUIREMENT					
Microfarads	10.0				
Volts (min.)	400				
Fault Current Withstand (amps)					
60 Hz TEST PROCEDURES (Refer to Philips Lighting Electronics N.A. TEST Procedure for HID Ballasts - Form 127					
High Potential Test (Volts)					
1 minute	2000				
2 seconds	2500				
Open Circuit Voltage Test (Volts)	275-335				
Short-Circuit Current Test (Amps)					
Secondary Current	1.50-1.90				
Input Current.....	0.80-1.20	0.45-0.70	0.40-0.60	0.30-0.50	-

Capacitor: 7C100M40-R



Capacitance: 10
Dia/Oval Dim: 1.45
Height: 3.75
Temp Rating: 105°C



Wiring Diagram:

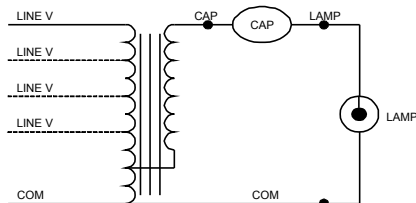


Fig. A

Typical Ordering Information

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

Order Suffix

Description

Ignitor: NA

This ballast does not
require the use of an ignitor.

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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