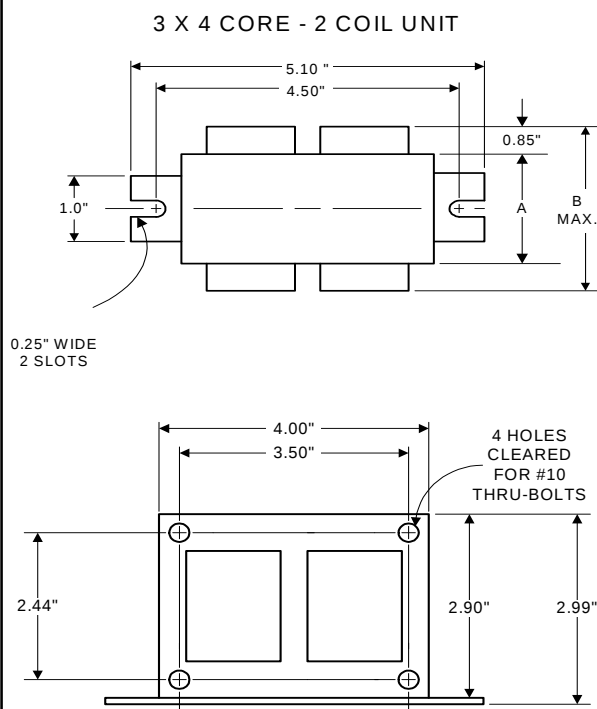


PHILIPS ADVANCE

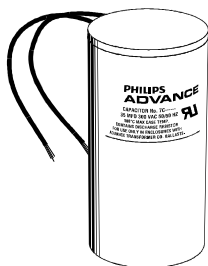
Metal
Halide
Lamp Ballast

Catalog Number 71A55A0
For 175/150W M57/M107
60 Hz CWA
Status: Active

DIMENSIONS AND DATA



Capacitor: 7C100M40-R



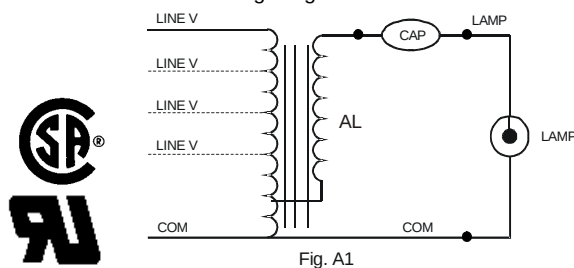
Capacitance: 10
Dia/Oval Dim: 1.45
Height: 3.75
Temp Rating: 105°C

Ignitor: NA

This ballast does not
require the use of an ignitor.

INPUT VOLTS		120	277	347		
CIRCUIT TYPE	CWA					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating.....		1.80	0.80	0.62		
Open Circuit.....		1.94	0.81	0.74		
Starting.....		1.00	0.45	0.32		
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.....		55	130	160		
INPUT WATTS	213					
RECOMMENDED FUSE (Amps).....		5	3	2		
CORE and COIL						
Dimension (A)	2.41					
Dimension (B)	4.02					
Weight (lbs.)	7.1					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	10.0					
Volts (min.)	400					
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)	275-337					
Short-Circuit Current Test (Amps)						
Secondary Current	1.51-1.85					
Input Current.....		0.78- 1.17	0.35- 0.52	0.25- 0.37	-	-

Wiring Diagram:



Ordering Information

Order Suffix

Description

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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06/26/13