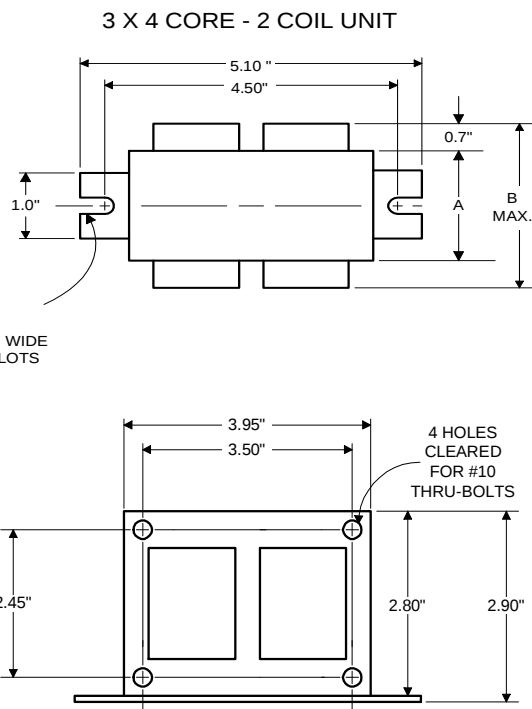


PHILIPS ADVANCE

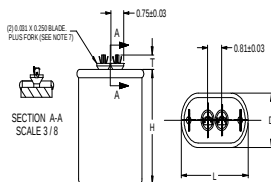
Metal
Halide
Lamp Ballast

Catalog Number 71A55N0
For 175/150W M57/M107
50 Hz CWA
Status: Active

DIMENSIONS AND DATA



Capacitor: MD1204-100



Capacitance: 12
Dia/Oval Dim: 1.75
Height: 2.9
Temp Rating: 90°C

Ignitor: NA

This ballast does not
require the use of an ignitor.

INPUT VOLTS		120	230			
CIRCUIT TYPE	CWA					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating.....		2.00	1.05			
Open Circuit.....		1.50	0.80			
Starting.....		1.50	0.80			
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	310					
INPUT VOLTAGE AT LAMP DROPOUT.....		50	100			
INPUT WATTS	210					
RECOMMENDED FUSE (Amps).....		5	3			
CORE and COIL						
Dimension (A)	2.75					
Dimension (B)	4.00					
Weight (lbs.)	9.5					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	12.0					
Volts (min.)	425					
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)	290-355					
Short-Circuit Current Test (Amps)						
Secondary Current	2.30-2.80					
Input Current.....		2.50- 3.70	1.30- 1.90	-	-	-

Wiring Diagram:

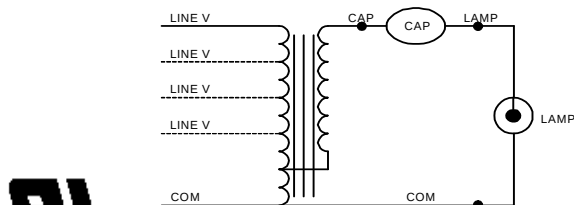


Fig. A

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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