

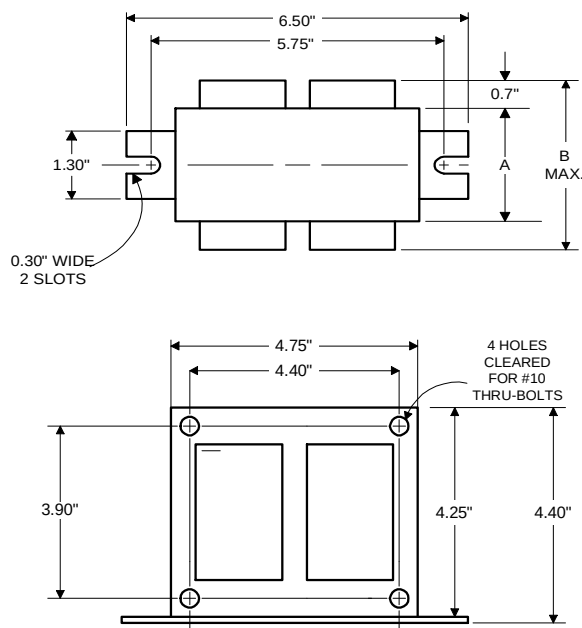
PHILIPS ADVANCE

Metal
Halide
Lamp Ballast

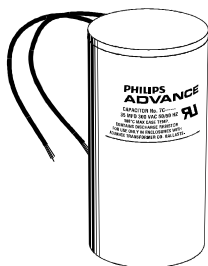
Catalog Number 71A5790A
For 250W M58
60 Hz CWA
Status: Active

DIMENSIONS AND DATA

4 1/4 X 4 3/4 CORE - 2 COIL UNIT



Capacitor: 7C150P40-R



Capacitance: 15
Dia/Oval Dim: 1.75
Height: 3.75
Temp Rating: 105°C

Ignitor: NA

This ballast does not
require the use of an ignitor.

INPUT VOLTS	120	208	240	277
CIRCUIT TYPE	CWA			
POWER FACTOR (min)	90%			
REGULATION				
Line Volts	±10%			
Lamp Watts	±10%			
LINE CURRENT (Amps)				
Operating.....	2.50	1.45	1.25	1.10
Open Circuit.....	1.70	1.00	0.85	0.75
Starting.....	2.20	1.30	1.10	1.00
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	300			
INPUT VOLTAGE AT LAMP DROPOUT.....	60	104	120	138
INPUT WATTS	298			
RECOMMENDED FUSE (Amps).....	8	5	5	3
CORE and COIL				
Dimension (A)	1.50			
Dimension (B)	3.15			
Weight (lbs.)	9.1			
Lead Lengths	12"			
CAPACITOR REQUIREMENT				
Microfarads	15.0			
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)	270-330			
Short-Circuit Current Test (Amps)				
Secondary Current	2.25-2.75			
Input Current.....	1.90-2.70	1.10-1.70	0.95-1.35	0.80-1.20

Wiring Diagram:

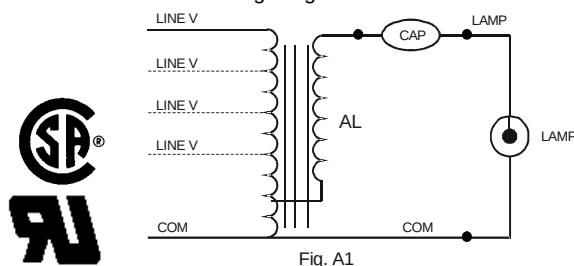


Fig. A1

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.

10275 West Higgins Road · Rosemont, IL 60018 · Tel:800-322-2086 Fax:888-432-1882
Customer Support/ Technical Service:800-372-3331 · OEM Support: 866-915-5886

02/21/13