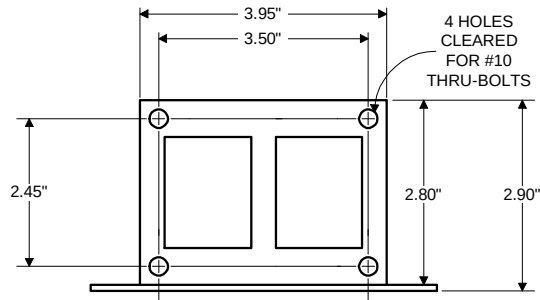
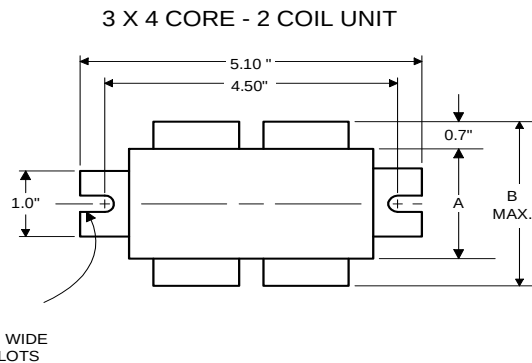


PHILIPS ADVANCE

Metal
Halide
Lamp Ballast

Catalog Number 71A5791
For 250W M58
60 Hz CWA
Status: Active

DIMENSIONS AND DATA



Capacitor: 7C150P40-R



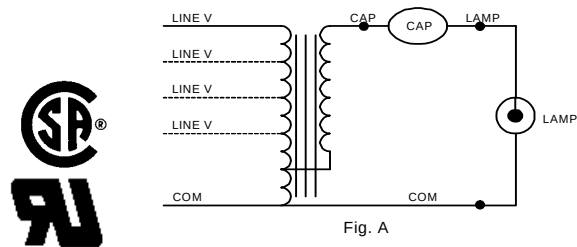
Capacitance: 15
Dia/Oval Dim: 1.75
Height: 3.75
Temp Rating: 105°C

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	±8%				
LINE CURRENT (Amps)					
Operating.....		2.60	1.50	1.30	1.10
Open Circuit.....		2.60	1.50	1.30	1.10
Starting.....		1.00	0.60	0.50	0.45
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	294				
RECOMMENDED FUSE (Amps).....		8	5	5	3
CORE and COIL					
Dimension (A)	3.00				
Dimension (B)	4.20				
Weight (lbs.)	9				
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	2.00-3.00				
Input Current.....		1.20- 1.80	0.70- 1.00	0.60- 0.90	0.50- 0.75

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.

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

03/31/99