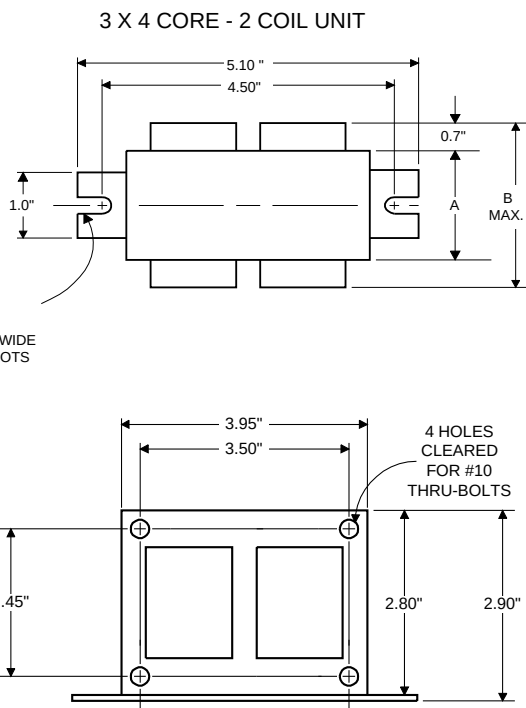


PHILIPS
ADVANCE

**Low Pressure
Sodium
Lamp Ballast**

Catalog Number 71A0490
For 55W L71
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA



Capacitor: 7C140M33-R



Capacitance: 14
Dia/Oval Dim: 1.5
Height: 2.9
Temp Rating: 105°C

Ignitor: NA

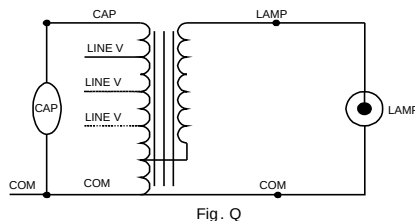
This ballast does not
require the use of an ignitor.

INPUT VOLTS	120	208	240	277
CIRCUIT TYPE	HX-HPF			
POWER FACTOR (min)	90%			
REGULATION				
Line Volts	±10%			
Lamp Watts	±5%			
LINE CURRENT (Amps)				
Operating.....	0.73	0.42	0.36	0.32
Open Circuit.....	2.35	1.39	1.18	0.98
Starting.....	0.80	0.46	0.39	0.36
UL TEMPERATURE RATINGS	H(180°C)			
Insulation Class	1029			
Coil Temperature Code	-20°F or -30°C			
MIN. AMBIENT STARTING TEMP.	480			
NOM. OPEN CIRCUIT VOLTAGE				
INPUT VOLTAGE AT LAMP DROPOUT.....	80	60	104	120
INPUT WATTS				
RECOMMENDED FUSE (Amps).....	6	4	3	3
CORE and COIL				
Dimension (A)	2.25			
Dimension (B)	3.50			
Weight (lbs.)	8			
Lead Lengths	12"			
CAPACITOR REQUIREMENT				
Microfarads	14.0			
Volts (min.)	240			
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)	2000			
1 minute	2500			
2 seconds	430-530			
Open Circuit Voltage Test (Volts)				
Short-Circuit Current Test (Amps)	0.50-0.70			
Secondary Current				
Input Current.....	0.36-0.54	0.23-0.34	0.20-0.30	0.16-0.25

RoHS
COMPLIANT



Wiring Diagram:



Typical Ordering Information

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

Order Suffix

Description

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.

10275 WEST HIGGINS ROAD · ROSEMONT, IL 60018

Tel: 800-322-2086 · Fax: 888-423-1882 · www.philips.com/advance

Customer Support/Technical Service: 800-372-3331 · OEM Support: 866-915-5886

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