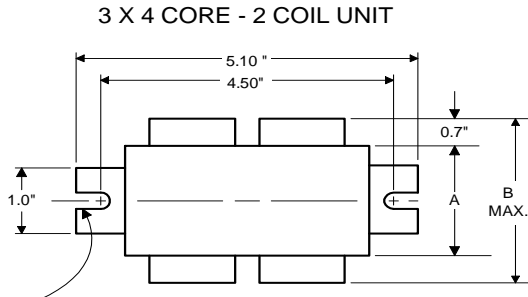


# PHILIPS ADVANCE

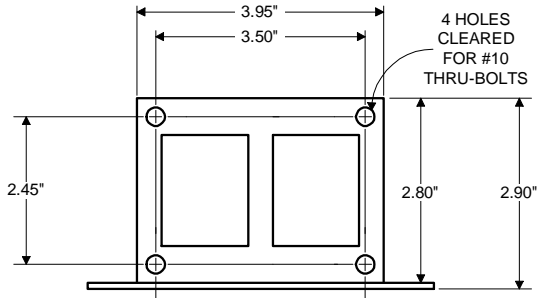
Low Pressure  
Sodium  
Lamp Ballast

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

### DIMENSIONS AND DATA



0.25" WIDE  
2 SLOTS



	120	208	240	277	
INPUT VOLTS					
CIRCUIT TYPE	HX-HPF				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±5%				
Lamp Watts	±10%				
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					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
	A	A	A	A	
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C				
NOM. OPEN CIRCUIT VOLTAGE	480				
INPUT VOLTAGE AT LAMP DROPOUT.....	60	104	120	139	
INPUT WATTS	80				
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 Advance Test Procedure for HID Ballasts - Form 1270)					
High Potential Test (Volts)					
1 minute	2000				
2 seconds	2500				
Open Circuit Voltage Test (Volts)	430-530				
Short-Circuit Current Test (Amps)					
Secondary Current	0.50-0.70				
Input Current.....	0.36-0.54	0.23-0.34	0.20-0.30	0.16-0.25	-

Capacitor: 7C140M30RA



Capacitance: 14  
Dia/Oval Dim: 1.65  
Height: 2.75  
Temp Rating: 105°C



#### Wiring Diagram:

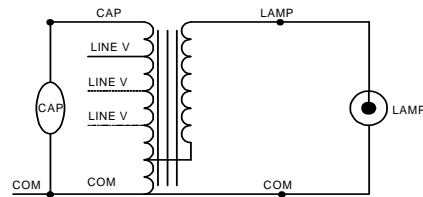


Fig. Q

#### Ordering Information

Order Suffix

Description

Ignitor:

NA

This ballast does not require the use of an ignitor.

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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08/14/13