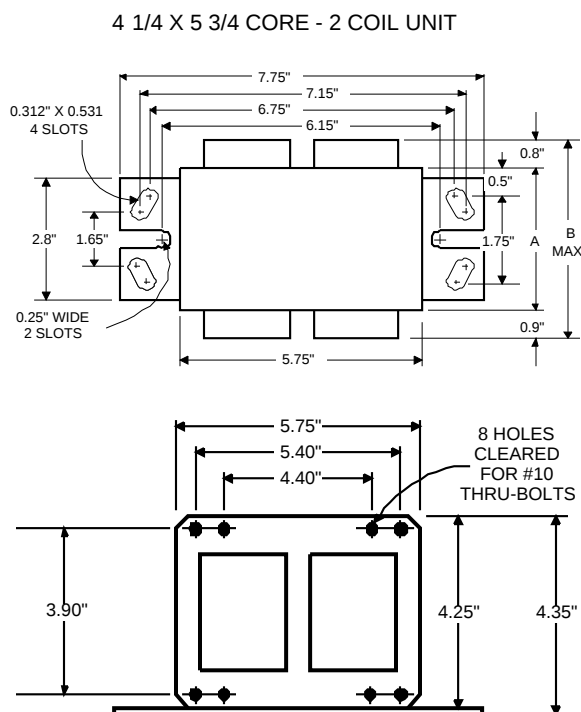


**PHILIPS
ADVANCE**

**Low Pressure
Sodium
Lamp Ballast**

**Catalog Number 71A0790
For 180W L74
60 Hz HX-HPF
Status: Active**

DIMENSIONS AND DATA



Capacitor: 7C160P40



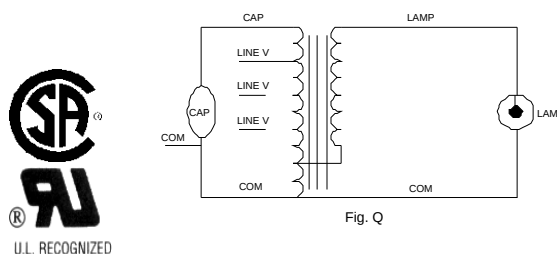
Capacitance: 16
Dia/Oval Dim: 1.75
Height: 3.75
Temp Rating: 105°C

Ignitor: NA

This ballast does not
require the use of an ignitor.

INPUT VOLTS		120	208	240	277
CIRCUIT TYPE	HX-HPF				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±5%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....		1.80	1.00	0.89	0.75
Open Circuit.....		5.28	2.82	2.65	2.25
Starting.....		2.15	1.20	1.06	0.92
UL TEMPERATURE RATINGS	H(180°C)				
Insulation Class	1029				
Coil Temperature Code	-20°F or -30°C	A	A	A	A
MIN. AMBIENT STARTING TEMP.	695				
NOM. OPEN CIRCUIT VOLTAGE					
INPUT VOLTAGE AT LAMP DROPOUT.....	208	86	165	180	205
INPUT WATTS					
RECOMMENDED FUSE (Amps).....		15	7	7	6
CORE and COIL	2.35				
Dimension (A)	4.00				
Dimension (B)	15.25				
Weight (lbs.)	12"				
Lead Lengths					
CAPACITOR REQUIREMENT	16.0				
Microfarads	330				
Volts (min.)					
Fault Current Withstand (amps)					
60 Hz TEST PROCEDURES (Refer to Philips Lighting Electronics N.A. TEST Procedure for HID Ballasts - Form High Potential Test (Volts)	2000				
1 minute	2500				
2 seconds	625-765				
Open Circuit Voltage Test (Volts)					
Short-Circuit Current Test (Amps)	0.92-1.12				
Secondary Current					
Input Current.....		0.72	0.35	0.36	0.30
		1.08	0.53	0.55	0.45

Wiring Diagram:



Typical Ordering Information

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

Order Suffix	Description
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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.

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