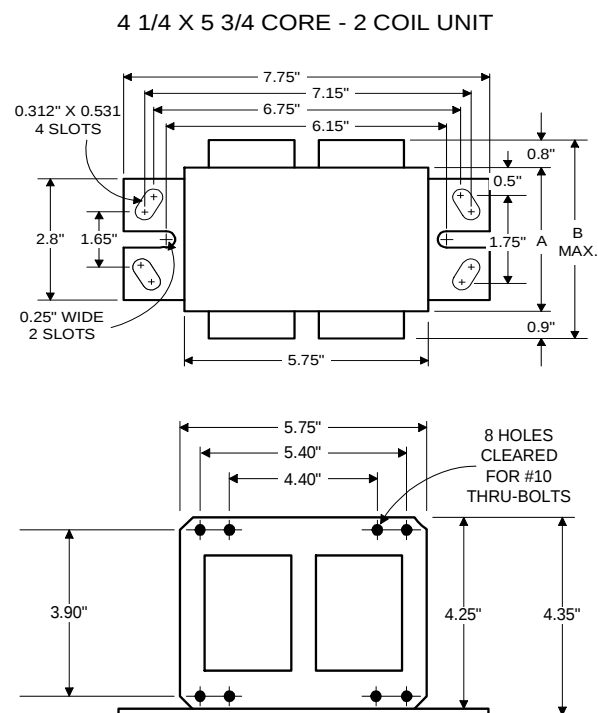


PHILIPS ADVANCE

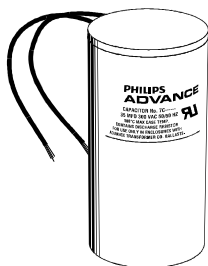
Low Pressure
Sodium
Lamp Ballast

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

DIMENSIONS AND DATA



Capacitor: 7C160P40



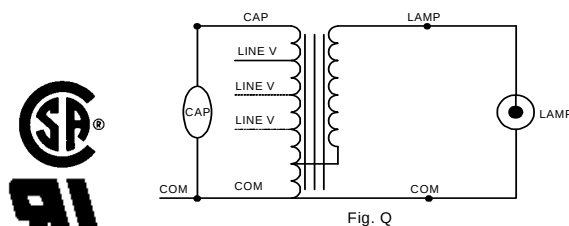
Capacitance: 16
Dia/Oval Dim: 1.75
Height: 3.75
Temp Rating: 105°C

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					
Insulation Class		H(180°C)			
Coil Temperature Code		1029			
MIN. AMBIENT STARTING TEMP.		-20°F or -30°C			
NOM. OPEN CIRCUIT VOLTAGE		695			
INPUT VOLTAGE AT LAMP DROPOUT.....		86	165	180	205
INPUT WATTS		208			
RECOMMENDED FUSE (Amps).....		15	7	7	6
CORE and COIL					
Dimension (A)		2.35			
Dimension (B)		4.00			
Weight (lbs.)		15.25			
Lead Lengths		12"			
CAPACITOR REQUIREMENT					
Microfarads		16.0			
Volts (min.)		330			
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)		625-765			
Short-Circuit Current Test (Amps)					
Secondary Current		0.92-1.12			
Input Current.....		0.72-1.08	0.35-0.53	0.36-0.55	0.30-0.45

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.

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05/19/05