

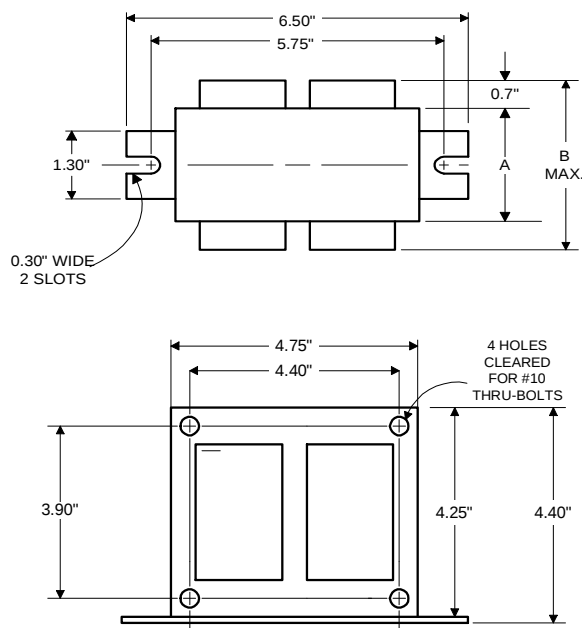
PHILIPS ADVANCE

Low Pressure
Sodium
Lamp Ballast

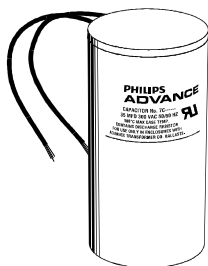
Catalog Number 71A0590
For 90W L72
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA

4 1/4 X 4 3/4 CORE - 2 COIL UNIT



Capacitor: 7C175M30RA



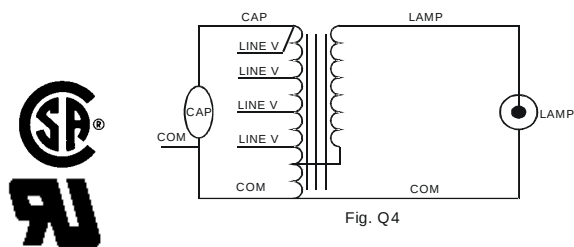
Capacitance: 17.5
Dia/Oval Dim: 1.65
Height: 3.7
Temp Rating: 105°C

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.....	1.06	0.60	0.53	0.50
Open Circuit.....	4.10	2.30	2.00	1.75
Starting.....	1.15	0.65	0.60	0.52
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	515			
INPUT VOLTAGE AT LAMP DROPOUT.....	65	110	120	140
INPUT WATTS	125			
RECOMMENDED FUSE (Amps).....	11	6	5	5
CORE and COIL				
Dimension (A)	1.75			
Dimension (B)	3.25			
Weight (lbs.)	10			
Lead Lengths	12"			
CAPACITOR REQUIREMENT				
Microfarads	17.5			
Volts (min.)	300			
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)	460-565			
Short-Circuit Current Test (Amps)				
Secondary Current	0.90-1.10			
Input Current.....	0.32-0.48	0.17-0.26	0.16-0.24	0.13-0.20

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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