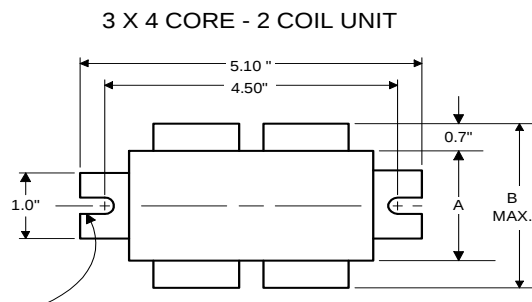


PHILIPS ADVANCE

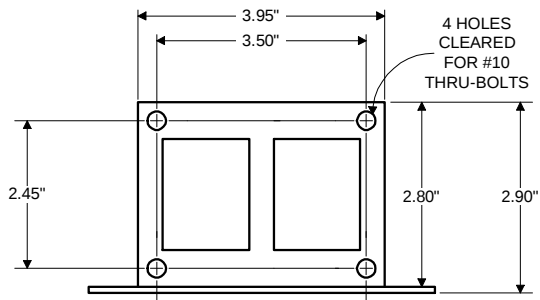
High Pressure Sodium Lamp Ballast

Catalog Number 71A79N1
For 70W S62
50 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA

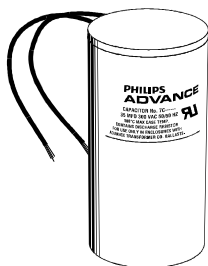


0.25" WIDE
2 SLOTS



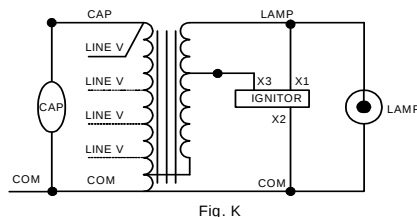
INPUT VOLTS		120	220	240		
CIRCUIT TYPE		HX-HPF				
POWER FACTOR (min)		90%				
REGULATION						
Line Volts		±5%				
Lamp Watts		WITHIN TRAPEZOID				
LINE CURRENT (Amps)						
Operating.....		0.84	0.46	0.42		
Open Circuit.....		1.40	0.75	0.70		
Starting.....		0.80	0.45	0.40		
UL TEMPERATURE RATINGS						
Insulation Class		H(180°C)				
Coil Temperature Code		1029				
MIN. AMBIENT STARTING TEMP.		-40°F or -40°C				
NOM. OPEN CIRCUIT VOLTAGE		125				
INPUT VOLTAGE AT LAMP DROPOUT.....		90	160	180		
INPUT WATTS		94				
RECOMMENDED FUSE (Amps).....		4	2	2		
CORE and COIL						
Dimension (A)		1.85				
Dimension (B)		3.10				
Weight (lbs.)		6				
Lead Lengths		12"				
CAPACITOR REQUIREMENT						
Microfarads		8.4				
Volts (min.)		280				
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)		115-140				
Short-Circuit Current Test (Amps)						
Secondary Current		1.50-1.80				
Input Current.....		0.14-0.22	0.08-0.12	0.07-0.11	-	-

Capacitor: 7C084L33-R



Capacitance: 8.4
Dia/Oval Dim: 1.25
Height: 3
Temp Rating: 105°C

Wiring Diagram:



Ordering Information

Order Suffix

Description

Ignitor:

LI551-H4



Red (X1)
White (X2)
Blue (X3)

Ballast to Lamp Distance
(BTL) = 2 feet
Temp Rating: 105°C

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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05/25/99