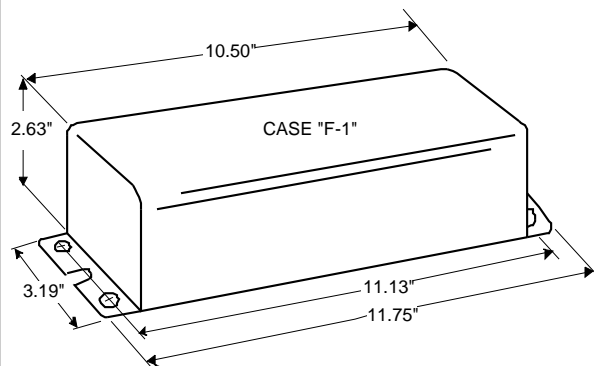


**PHILIPS  
ADVANCE**

**High Pressure  
Sodium  
Lamp Ballast**

**Catalog Number 72C7984  
For 70W S62  
60 Hz HX-HPF  
Status: Active**

**DIMENSIONS AND DATA**



INPUT VOLTS	120	277			
CIRCUIT TYPE	HX-HPF				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±5%				
Lamp Watts	WITHIN TRAPEZOID				
LINE CURRENT (Amps)					
Operating.....	0.82	0.36			
Open Circuit.....	1.45	0.65			
Starting.....	1.00	0.50			
UL TEMPERATURE RATINGS					
Insulation Class	A (105°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-40°F or -40°C				
NOM. OPEN CIRCUIT VOLTAGE	120				
INPUT VOLTAGE AT LAMP DROPOUT.....	102	235			
INPUT WATTS	90				
RECOMMENDED FUSE (Amps).....	5	2			
CORE and COIL					
Dimension (A)					
Dimension (B)					
Weight (lbs.)	10				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads					
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)					
1 minute	1600				
2 seconds	2000				
Open Circuit Voltage Test (Volts)	110-130				
Short-Circuit Current Test (Amps)					
Secondary Current	1.85-2.25				
Input Current.....	0.65	0.25	-	-	-
	1.00	0.45			

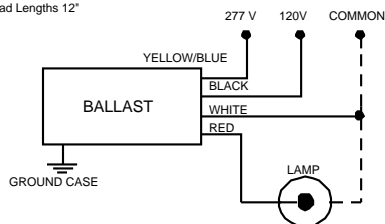
Capacitor:

The capacitor is included as part of the potted assembly.



**Wiring Diagram:**

All Lead Lengths 12"



F-Can Wiring Diagram

Ignitor: IN CAN

The ignitor is included as part of the potted assembly.

Ballast to Lamp Distance  
(BTL) = 7 feet  
Temp Rating: 90°C

**Typical Ordering Information**

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

Order Suffix	Description

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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