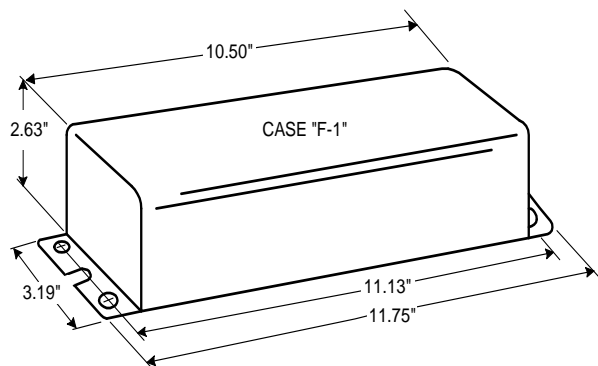


PHILIPS
ADVANCE

High Pressure
Sodium
Lamp Ballast

Catalog Number 72C7884
For 50W S68
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.....	0.65	0.30			
Open Circuit.....	1.40	0.62			
Starting.....	0.70	0.35			
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.....	90	208			
INPUT WATTS	65				
RECOMMENDED FUSE (Amps).....	4	2			
CORE and COIL					
Dimension (A)					
Dimension (B)					
Weight (lbs.)	11				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads					
Volts (min.)					
Fault Current Withstand (amps)					
60 Hz TEST PROCEDURES (Refer to Advance Test Procedure for HID Ballasts - Form 1270)					
High Potential Test (Volts)					
1 minute	1600				
2 seconds	2000				
Open Circuit Voltage Test (Volts)	110-130				
Short-Circuit Current Test (Amps)					
Secondary Current	1.55-1.95				
Input Current.....	0.60-0.95	0.28-0.42	-	-	-

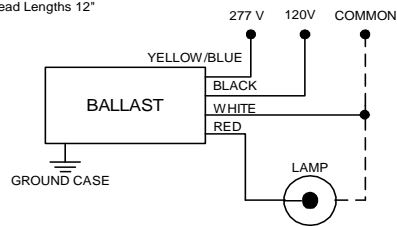
Capacitor:

The capacitor is included as part of the potted assembly.



Wiring Diagram:

All Lead Lengths 12"



F-Can Wiring Diagram

Ordering Information

Order Suffix

Description

Ignitor:

IN CAN

The ignitor is included as part of the potted assembly.

Ballast to Lamp Distance
(BTL) = 15 feet
Temp Rating: 90°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.

10275 West Higgins Road • Rosemont, IL 60018 • Tel:800-322-2086 Fax:888-432-1882
Customer Support/ Technical Service:800-372-3331 • OEM Support: 866-915-5886

07/19/13