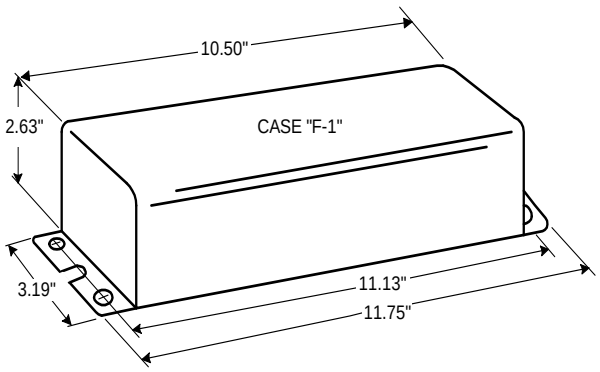
PHILIPS ADVANCE

Metal Halide Lamp Ballast

Catalog Number 72C5381
For 100W M90/M140
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA

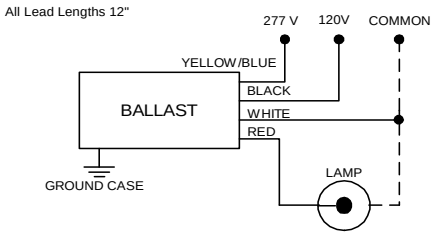


INPUT VOLTS		120	277			
CIRCUIT TYPE	HX-HPF					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±5%					
Lamp Watts	±12%					
LINE CURRENT (Amps)						
Operating		1.10	0.48			
Open Circuit		2.55	1.10			
Starting		2.20	0.95			
UL TEMPERATURE RATINGS						
Insulation Class	A (105℃)					
Coil Temperature Code	1029					
MIN. AMBIENT STARTING TEMP.	-20℉ or -30℃					
NOM. OPEN CIRCUIT VOLTAGE	277					
INPUT VOLTAGE AT LAMP DROPOUT		72	166			
INPUT WATTS	125					
RECOMMENDED FUSE (Amps)		6	3			
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)	250-305					
Short-Circuit Current Test (Amps)						
Secondary Current	1.30-1.60					
Input Current		0.70-1.10	0.30-0.50	-	-	-

Capacitor:

The capacitor is included as part of the potted assembly.

Wiring Diagram:



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) = 5 feet
Temp Rating: 90℃

Data is based upon tests performed by Philips Lighting Electronic N.A. in a controlled environment and representitive of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

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