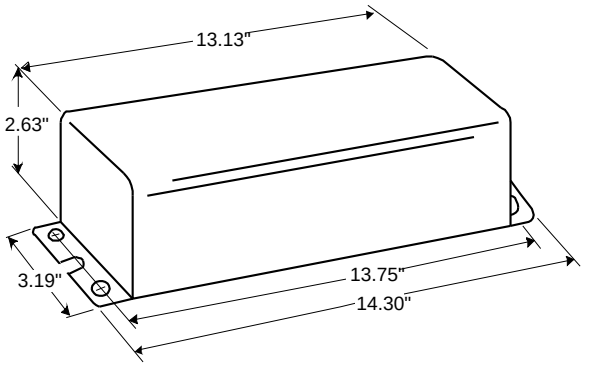
PHILIPS ADVANCE

Metal Halide Lamp Ballast

Catalog Number 72C5482
For 150W M102/M142
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA



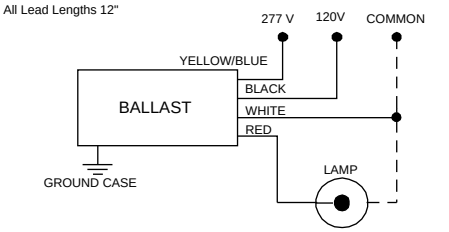
INPUT VOLTS		120	277			
CIRCUIT TYPE	HX-HPF					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±5%					
Lamp Watts	±12%					
LINE CURRENT (Amps)						
Operating		1.60	0.70			
Open Circuit		3.65	1.55			
Starting		1.50	0.75			
UL TEMPERATURE RATINGS						
Insulation Class	A (105°C)					
Coil Temperature Code	1029	A	A			
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C					
NOM. OPEN CIRCUIT VOLTAGE	277					
INPUT VOLTAGE AT LAMP DROPOUT		72	166			
INPUT WATTS	180					
RECOMMENDED FUSE (Amps)		10	4			
CORE and COIL						
Dimension (A)						
Dimension (B)						
Weight (lbs.)	13					
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 127						
High Potential Test (Volts)						
1 minute	1600					
2 seconds	2000					
Open Circuit Voltage Test (Volts)	250-300					
Short-Circuit Current Test (Amps)						
Secondary Current	2.00-2.50					
Input Current		1.45-2.15	0.60-0.95	-	-	-

Capacitor:

The capacitor is included as part of the potted assembly.

RoHS COMPLIANT

Wiring Diagram:



F-Can Wiring Diagram

Ignitor: IN CAN

The ignitor is included as part of the potted assembly.

Ballast to Lamp Distance (BTL) = 5 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 representitive of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

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