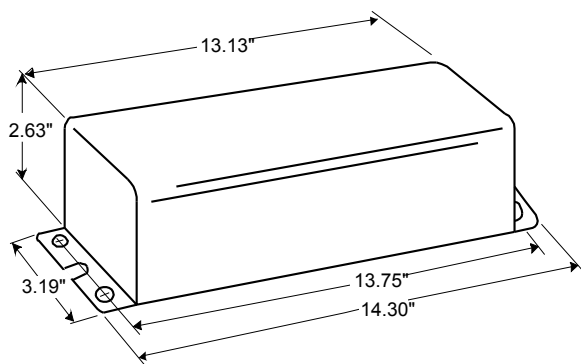


**PHILIPS
ADVANCE**

**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				
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:

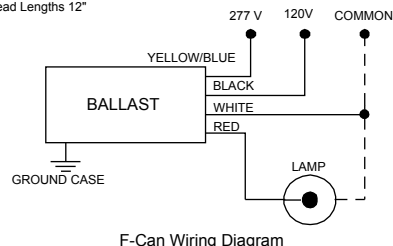
The capacitor is included as part of the potted assembly.

**RoHS
COMPLIANT**



Wiring Diagram:

All Lead Lengths 12"



F-Can Wiring Diagram

Typical Ordering Information

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

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°C

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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