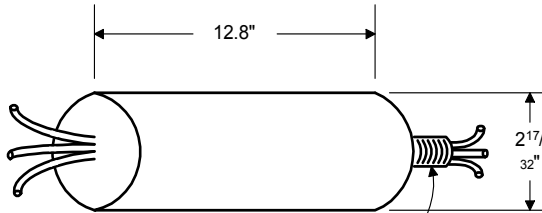


**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

**Catalog Number 74P5104
For 50W M110
60 Hz HX-PFC
Status: Active**

DIMENSIONS AND DATA



MAX. CASE TEMP 90°C

NIPPLE 1/2" NPT-14

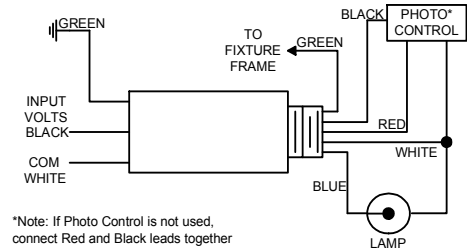
POSTLINE UNIT DIMENSIONS

INPUT VOLTS	120				
CIRCUIT TYPE	HX-PFC				
POWER FACTOR (min)	83%				
REGULATION					
Line Volts	±5%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....	0.65				
Open Circuit.....	1.05				
Starting.....	1.00				
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029	A			
MIN. AMBIENT STARTING TEMP.	-40°F or -40°C				
NOM. OPEN CIRCUIT VOLTAGE	260				
INPUT VOLTAGE AT LAMP DROPOUT.....	80				
INPUT WATTS	69				
RECOMMENDED FUSE (Amps).....	3				
CORE and COIL					
Dimension (A)					
Dimension (B)					
Weight (lbs.)	6				
Lead Lengths					
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	2000				
2 seconds	2500				
Open Circuit Voltage Test (Volts)	230-290				
Short-Circuit Current Test (Amps)					
Secondary Current	0.70-0.90				
Input Current.....	0.65-1.00	-	-	-	-

Capacitor:

The capacitor is included as part of the potted assembly.

Wiring Diagram:



*Note: If Photo Control is not used, connect Red and Black leads together

Postline Wiring Diagram

Ordering Information

Order Suffix	Description
011P	Thermally protected Ballast with kit

Ignitor: IN CAN

The ignitor is included as part of the potted assembly.

Ballast to Lamp Distance (BTL) = 20 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.

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