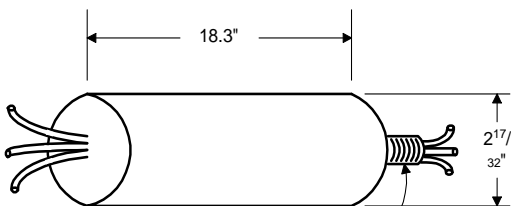


# PHILIPS ADVANCE

## High Pressure Sodium Lamp Ballast

Catalog Number 74P8003  
For 100W S54  
60 Hz R-HPF  
Status: Active

### DIMENSIONS AND DATA



MAX. CASE TEMP 90°C

NIPPLE 1/2" NPT-14

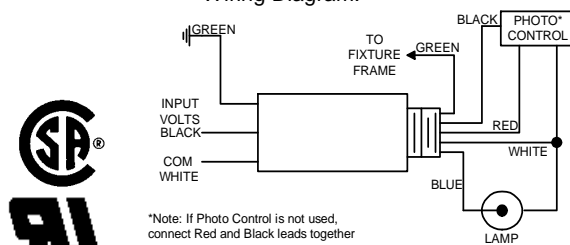
POSTLINE UNIT DIMENSIONS

INPUT VOLTS	120				
CIRCUIT TYPE	R-HPF				
POWER FACTOR (min)	95%				
REGULATION					
Line Volts	±5%				
Lamp Watts	WITHIN TRAPEZOID				
LINE CURRENT (Amps)					
Operating.....	1.10				
Open Circuit.....	1.85				
Starting.....	2.45				
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-40°F or -40°C				
NOM. OPEN CIRCUIT VOLTAGE	120				
INPUT VOLTAGE AT LAMP DROPOUT.....	98				
INPUT WATTS	122				
RECOMMENDED FUSE (Amps).....	7				
CORE and COIL					
Dimension (A)					
Dimension (B)					
Weight (lbs.)	7.3				
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)	108-132				
Short-Circuit Current Test (Amps)					
Secondary Current	2.90-4.30				
Input Current.....	1.60-2.40	-	-	-	-

Capacitor:

The capacitor is included as part of the potted assembly.

Wiring Diagram:



Postline Wiring Diagram

### Ordering Information

Order Suffix	Description
011P	Thermally protected Ballast with kit
011P-XK	Thermally protected Ballast without kit

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 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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