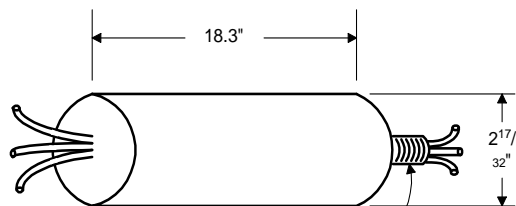




High Pressure
Sodium
Lamp Ballast

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

DIMENSIONS AND DATA



MAX. CASE TEMP 90°C

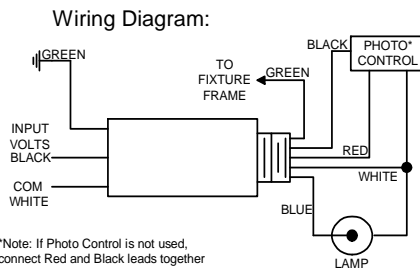
NIPPLE 1/2" NPT-14

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.



*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 |
| 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 Advance Transformer in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

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