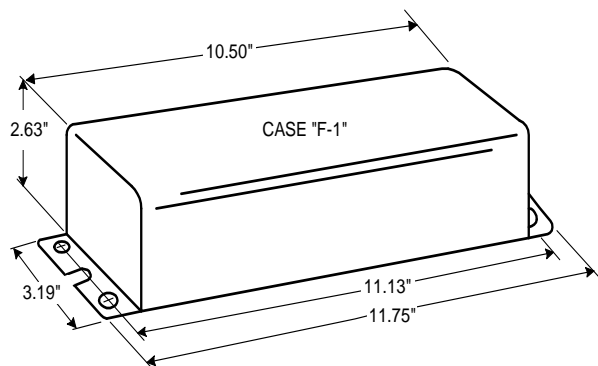


PHILIPS ADVANCE

High Pressure Sodium Lamp Ballast

Catalog Number 72C79C4
For 70W S62
60 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA

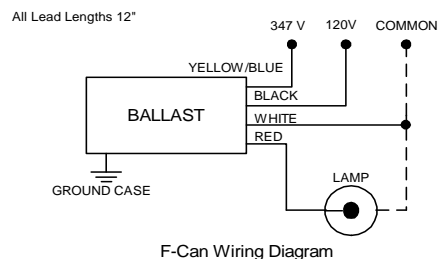


| | | | | | |
|--------------------------------------------------------------------------------------|------------------|-----------|---|---|---|
| INPUT VOLTS | 120 | 347 | | | |
| CIRCUIT TYPE | HX-HPF | | | | |
| POWER FACTOR (min) | 90% | | | | |
| REGULATION | | | | | |
| Line Volts | ±5% | | | | |
| Lamp Watts | WITHIN TRAPEZOID | | | | |
| LINE CURRENT (Amps) | | | | | |
| Operating..... | 0.75 | 0.30 | | | |
| Open Circuit..... | 1.45 | 0.50 | | | |
| Starting..... | 0.85 | 0.30 | | | |
| UL TEMPERATURE RATINGS | | | | | |
| Insulation Class | A (105°C) | | | | |
| Coil Temperature Code | 1029 | | | | |
| MIN. AMBIENT STARTING TEMP. | -40°F or -40°C | | | | |
| NOM. OPEN CIRCUIT VOLTAGE | 120 | | | | |
| INPUT VOLTAGE AT LAMP DROPOUT..... | 102 | 294 | | | |
| INPUT WATTS | 94 | | | | |
| RECOMMENDED FUSE (Amps)..... | 4 | 2 | | | |
| CORE and COIL | | | | | |
| Dimension (A) | | | | | |
| Dimension (B) | | | | | |
| Weight (lbs.) | 10 | | | | |
| Lead Lengths | 12" | | | | |
| 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 | 1700 | | | | |
| 2 seconds | 2100 | | | | |
| Open Circuit Voltage Test (Volts) | 110-130 | | | | |
| Short-Circuit Current Test (Amps) | | | | | |
| Secondary Current | 1.90-2.40 | | | | |
| Input Current..... | 0.70-1.15 | 0.25-0.40 | - | - | - |

Capacitor:

The capacitor is included as part of the potted assembly.

Wiring Diagram:



Ordering Information

Order Suffix

Description

Ignitor:

IN CAN

The ignitor is included as part of the potted assembly.

Ballast to Lamp Distance
(BTL) = 7 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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