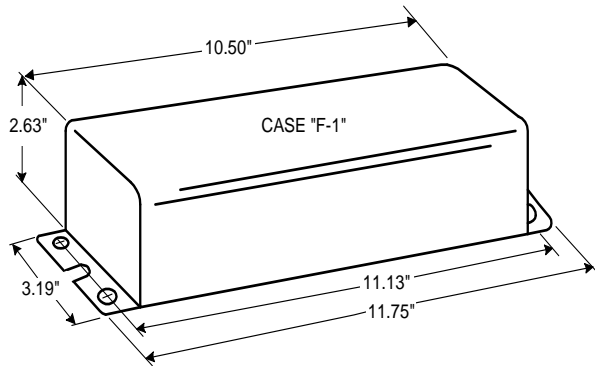


**PHILIPS
ADVANCE**

**Metal
Halide
Lamp Ballast**

**Catalog Number 72C55C1
For 175/150W M57/M107
60 Hz CWA
Status: Active**

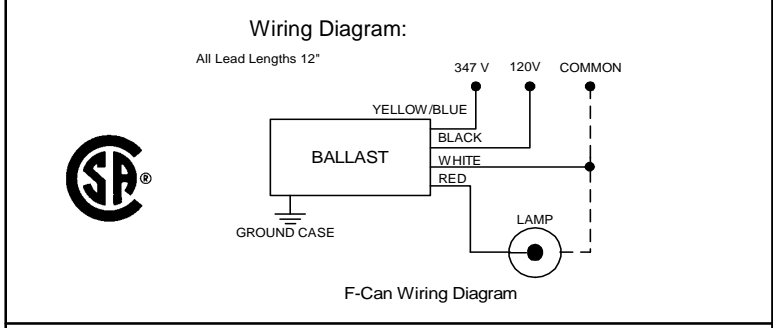
DIMENSIONS AND DATA



| | | | | | |
|--|----------------|-----------|---|---|---|
| INPUT VOLTS | 120 | 347 | | | |
| CIRCUIT TYPE | CWA | | | | |
| POWER FACTOR (min) | 90% | | | | |
| REGULATION | | | | | |
| Line Volts | ±10% | | | | |
| Lamp Watts | ±10% | | | | |
| LINE CURRENT (Amps) | | | | | |
| Operating..... | 1.90 | 0.65 | | | |
| Open Circuit..... | 1.65 | 0.50 | | | |
| Starting..... | 1.90 | 0.65 | | | |
| 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 | 300 | | | | |
| INPUT VOLTAGE AT LAMP DROPOUT..... | 60 | 174 | | | |
| INPUT WATTS | 208 | | | | |
| RECOMMENDED FUSE (Amps)..... | 5 | 2 | | | |
| CORE and COIL | | | | | |
| Dimension (A) | | | | | |
| Dimension (B) | | | | | |
| Weight (lbs.) | 14 | | | | |
| 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) | 270-330 | | | | |
| Short-Circuit Current Test (Amps) | | | | | |
| Secondary Current | 1.45-1.80 | | | | |
| Input Current..... | 1.25-1.90 | 0.45-0.65 | - | - | - |

Capacitor:

The capacitor is included as part of the potted assembly.



Ordering Information

| Order Suffix | Description |
|--------------|-------------|
| | |

Ignitor:

NA

This ballast does not require the use of an ignitor.

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.