

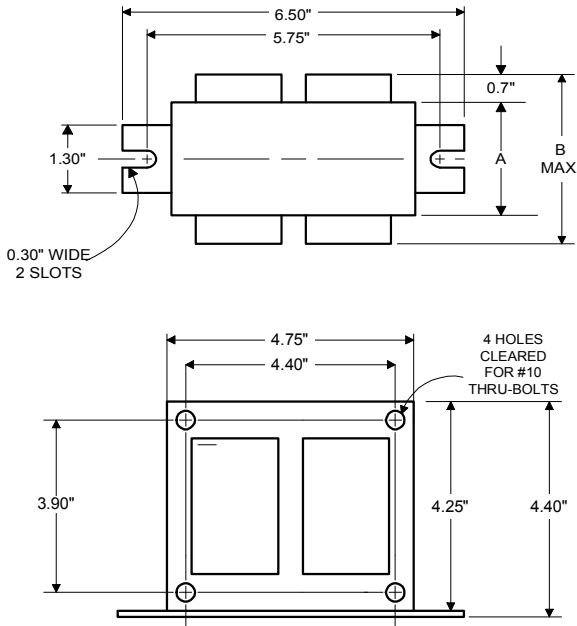


Metal Halide Lamp Ballast

**For 400W
60 Hz SUPER-CWA
Status: Active**

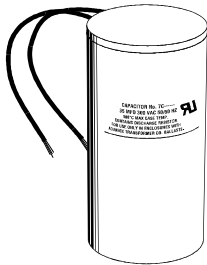
DIMENSIONS AND DATA

4 1/4 X 4 3/4 CORE - 2 COIL UNIT



| | 120 | 208 | 240 | 277 |
|--|----------------|-----------|-----------|-----------|
| INPUT VOLTS | | | | |
| CIRCUIT TYPE | SUPER-CWA | | | |
| POWER FACTOR (min) | 90% | | | |
| REGULATION | | | | |
| Line Volts | ±10% | | | |
| Lamp Watts | ±10% | | | |
| LINE CURRENT (Amps) | | | | |
| Operating..... | 3.80 | 2.20 | 1.90 | 1.65 |
| Open Circuit..... | 2.60 | 1.56 | 1.31 | 1.17 |
| Starting..... | 2.97 | 1.68 | 1.48 | 1.30 |
| UL TEMPERATURE RATINGS | | | | |
| Insulation Class | H(180°C) | | | |
| Coil Temperature Code | 1029 | | | |
| MIN. AMBIENT STARTING TEMP. | -20°F or -30°C | | | |
| NOM. OPEN CIRCUIT VOLTAGE | 265 | | | |
| INPUT VOLTAGE AT LAMP DROPOUT..... | 60 | 104 | 120 | 138 |
| INPUT WATTS | 452 | | | |
| RECOMMENDED FUSE (Amps)..... | 10 | 7 | 5 | 5 |
| CORE and COIL | | | | |
| Dimension (A) | 2.10 | | | |
| Dimension (B) | 4.10 | | | |
| Weight (lbs.) | 10.63 | | | |
| Lead Lengths | 12" | | | |
| CAPACITOR REQUIREMENT | | | | |
| Microfarads | 26.0 | | | |
| Volts (min.) | 330 | | | |
| 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) | 240-300 | | | |
| Short-Circuit Current Test (Amps) | | | | |
| Secondary Current | 3.60-4.40 | | | |
| Input Current..... | 2.40-3.60 | 1.40-2.10 | 1.20-1.80 | 1.05-1.55 |

Capacitor:



Capacitance: 26
Dia/Oval Dim: 1.75
Height: 4.8
Temp Rating: 105°C

Wiring Diagram:

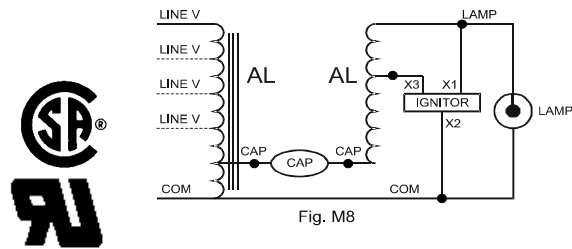
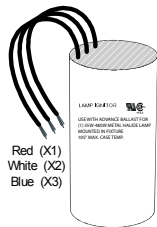


Fig. M8

Ordering Information

| Order Suffix | Description |
|--------------|---|
| 001D | STANDARD IC PACK WITH DRY CAP - NO FLAG TERMINALS |

Ignitor:



Red (X1)
White (X2)
Blue (X3)

Ballast to Lamp Distance (BTL) = 2 feet
Temp Rating: 105°C

Data is based upon tests performed in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.