



Metal Halide Lamp Ballast

Catalog Number 71A5852AEE
For 320W M132/M154 (P.S.)
60 Hz SUPER-CWA
Status: Active

DIMENSIONS AND DATA

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



| | | 120 | 208 | 240 | 277 | 480 |
|--|----------------|-----------|-----------|-----------|-----------|-----------|
| INPUT VOLTS | | | | | | |
| CIRCUIT TYPE | SUPER-CWA | | | | | |
| POWER FACTOR (min) | 90% | | | | | |
| REGULATION | | | | | | |
| Line Volts | ±10% | | | | | |
| Lamp Watts | ±10% | | | | | |
| LINE CURRENT (Amps) | | | | | | |
| Operating..... | | 3.25 | 1.90 | 1.65 | 1.40 | 0.80 |
| Open Circuit..... | | 2.30 | 1.25 | 1.18 | 1.00 | 0.60 |
| Starting..... | | 2.08 | 1.25 | 1.03 | 0.90 | 0.60 |
| UL TEMPERATURE RATINGS | | | | | | |
| Insulation Class | H(180°C) | | | | | |
| Coil Temperature Code | 1029 | A | B | A | A | A |
| MIN. AMBIENT STARTING TEMP. | -20°F or -30°C | | | | | |
| NOM. OPEN CIRCUIT VOLTAGE | 290 | | | | | |
| INPUT VOLTAGE AT LAMP DROPOUT..... | | 60 | 104 | 120 | 138 | 240 |
| INPUT WATTS | 363 | | | | | |
| RECOMMENDED FUSE (Amps)..... | | 10 | 7 | 5 | 5 | 3 |
| CORE and COIL | | | | | | |
| Dimension (A) | 2.20 | | | | | |
| Dimension (B) | 4.11 | | | | | |
| Weight (lbs.) | 11.8 | | | | | |
| Lead Lengths | 12" | | | | | |
| CAPACITOR REQUIREMENT | | | | | | |
| Microfarads | 21.0 | | | | | |
| Volts (min.) | 345 | | | | | |
| 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) | 270-315 | | | | | |
| Short-Circuit Current Test (Amps) | | | | | | |
| Secondary Current | 2.90-3.60 | | | | | |
| Input Current..... | | 1.65-2.50 | 1.00-1.50 | 0.80-1.25 | 0.70-1.10 | 0.45-0.75 |

Capacitor: 7C210P40R



Capacitance: 21
Dia/Oval Dim: 1.75
Height: 4.8
Temp Rating: 105°C

Wiring Diagram:

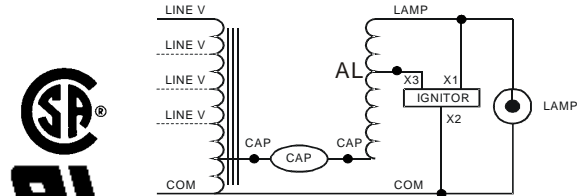


Fig. M7

Ordering Information

| Order Suffix | Description |
|--------------|--|
| EE | EISA COMPLIANT - 88% EFFICIENT BALLAST |

Ignitor: LI533-H4



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

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

ADVANCE TRANSFORMER CO.

O'HARE INTERNATIONAL CENTER · 10275 WEST HIGGINS ROAD · ROSEMONT, IL 60018
Customer Support/Technical Service: Phone: 800-372-3331 · Fax: 847-768-7768
Corporate Offices: Phone: 800-322-2086

02/24/11