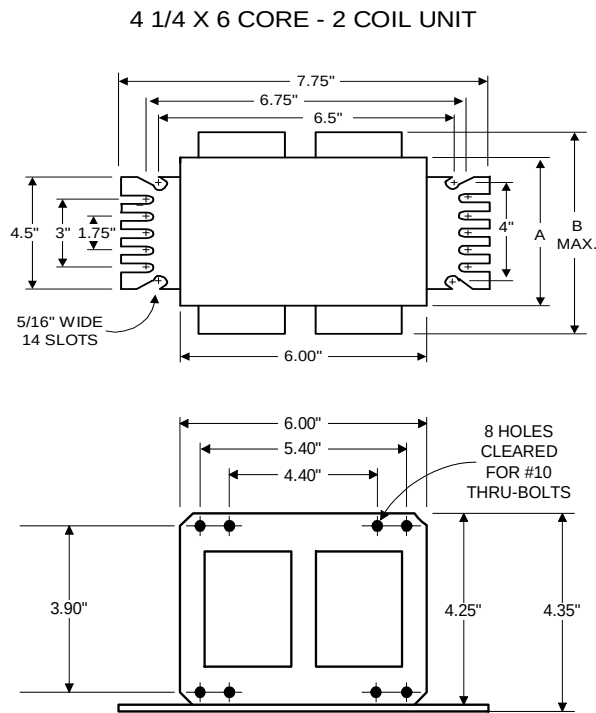


# PHILIPS ADVANCE

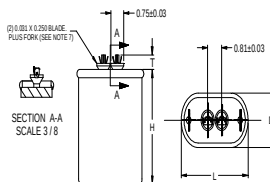
Metal  
Halide  
Lamp Ballast

Catalog Number 71A6792  
For 1500W M48  
60 Hz CWA  
Status: Active

## DIMENSIONS AND DATA



Capacitor: MD3202-100



Capacitance: 32  
 Dia/Oval Dim: 2.00  
 Height: 3.75  
 Temp Rating: 90°C

Ignitor: NA

This ballast does not  
require the use of an ignitor.

| INPUT VOLTS                                                                          |                | 120       | 208       | 240       | 277       |
|--------------------------------------------------------------------------------------|----------------|-----------|-----------|-----------|-----------|
| CIRCUIT TYPE                                                                         | CWA            |           |           |           |           |
| POWER FACTOR (min)                                                                   | 90%            |           |           |           |           |
| REGULATION                                                                           |                |           |           |           |           |
| Line Volts                                                                           | ±10%           |           |           |           |           |
| Lamp Watts                                                                           | ±12%           |           |           |           |           |
| LINE CURRENT (Amps)                                                                  |                |           |           |           |           |
| Operating.....                                                                       |                | 13.5      | 7.80      | 6.75      | 5.85      |
| Open Circuit.....                                                                    |                | 4.80      | 2.50      | 2.20      | 2.00      |
| Starting.....                                                                        |                | 13.4      | 7.70      | 6.70      | 5.70      |
| 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                                                            | 450            |           |           |           |           |
| INPUT VOLTAGE AT LAMP DROPOUT.....                                                   |                | 80        | 140       | 160       | 185       |
| INPUT WATTS                                                                          | 1605           |           |           |           |           |
| RECOMMENDED FUSE (Amps).....                                                         |                | 30        | 25        | 20        | 15        |
| CORE and COIL                                                                        |                |           |           |           |           |
| Dimension (A)                                                                        | 4.10           |           |           |           |           |
| Dimension (B)                                                                        | 6.10           |           |           |           |           |
| Weight (lbs.)                                                                        | 30             |           |           |           |           |
| Lead Lengths                                                                         | 12"            |           |           |           |           |
| CAPACITOR REQUIREMENT                                                                |                |           |           |           |           |
| Microfarads                                                                          | 32.0           |           |           |           |           |
| Volts (min.)                                                                         | 525            |           |           |           |           |
| 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)                                                    | 405-495        |           |           |           |           |
| Short-Circuit Current Test (Amps)                                                    |                |           |           |           |           |
| Secondary Current                                                                    | 7.40-9.00      |           |           |           |           |
| Input Current.....                                                                   |                | 9.80-14.8 | 5.60-8.30 | 5.20-7.80 | 4.40-6.70 |

Wiring Diagram:

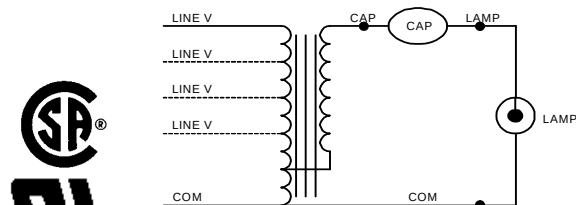


Fig. A

## Ordering Information

Order Suffix

Description

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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09/11/97