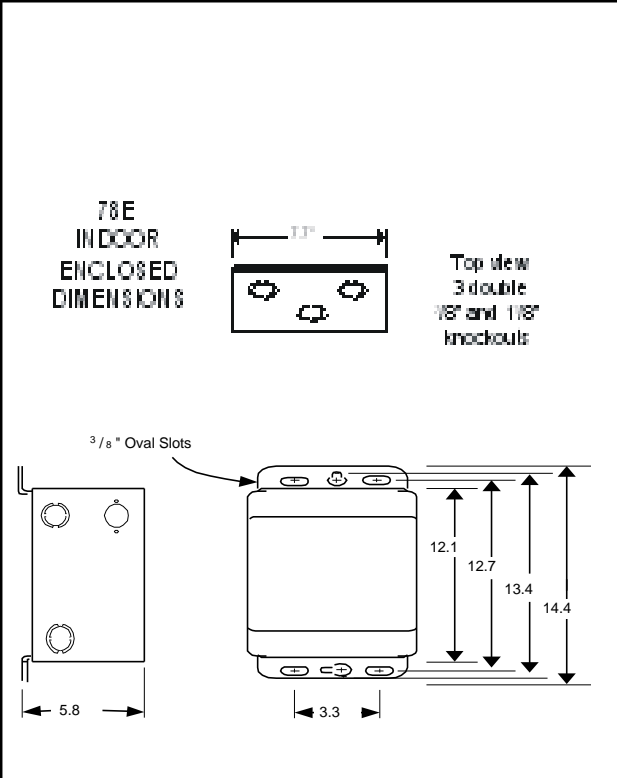


**PHILIPS  
ADVANCE**

**Metal  
Halide  
Lamp Ballast**

**Catalog Number 78E6592  
For 1000W M47  
60 Hz CWA  
Status: Active**

**DIMENSIONS AND DATA**



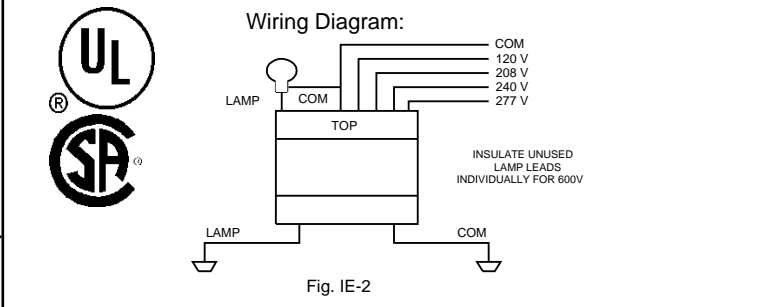
Capacitor:

The capacitor is included as part of the potted assembly.

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  | ±10%           |       |       |       |     |
| LINE CURRENT (Amps)   |                |       |       |       |     |
| Operating.....  | 9.00           | 5.20  | 4.50  | 3.90  |     |
| Open Circuit.....   | 4.50           | 2.70  | 2.30  | 2.20  |     |
| Starting.....   | 7.80           | 4.00  | 3.70  | 3.20  |     |
| UL TEMPERATURE RATINGS  | H(180°C)       |       |       |       |     |
| Insulation Class  | 1029           |       |       |       |     |
| Coil Temperature Code   | -20°F or -30°C |       |       |       |     |
| MIN. AMBIENT STARTING TEMP.   | 430            |       |       |       |     |
| NOM. OPEN CIRCUIT VOLTAGE   |                |       |       |       |     |
| INPUT VOLTAGE AT LAMP DROPOUT.....  | 1080           | 84    | 146   | 168   | 194 |
| INPUT WATTS   |                |       |       |       |     |
| RECOMMENDED FUSE (Amps).....  | 20             | 15    | 10    | 10    |     |
| CORE and COIL   |                |       |       |       |     |
| Dimension (A)   | 42             |       |       |       |     |
| Dimension (B)   | 12"            |       |       |       |     |
| Weight (lbs.)   | 12"            |       |       |       |     |
| Lead Lengths  |                |       |       |       |     |
| CAPACITOR REQUIREMENT   |                |       |       |       |     |
| Microfarads   |                |       |       |       |     |
| Volts (min.)  |                |       |       |       |     |
| Fault Current Withstand (amps)  |                |       |       |       |     |
| 60 Hz TEST PROCEDURES (Refer to Philips Lighting Electronics N.A. TEST Procedure for HID Ballasts - Form 127) |                |       |       |       |     |
| High Potential Test (Volts)   | 2000           |       |       |       |     |
|   | 2500           |       |       |       |     |
| 1 minute  | 385-475        |       |       |       |     |
| 2 seconds   |                |       |       |       |     |
| Open Circuit Voltage Test (Volts)   | 5.20-6.40      |       |       |       |     |
| Short-Circuit Current Test (Amps)   |                |       |       |       |     |
| Secondary Current   |                |       |       |       |     |
| Input Current.....  | 5.70-          | 3.20- | 2.80- | 2.40- | -   |
|   | 8.50           | 4.80  | 4.30  | 3.60  |     |



**Typical Ordering Information**  
(please call Philips Lighting Electronics N.A. for suffix availability)

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

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

**PHILIPS LIGHTING ELECTRONICS N.A.**

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