

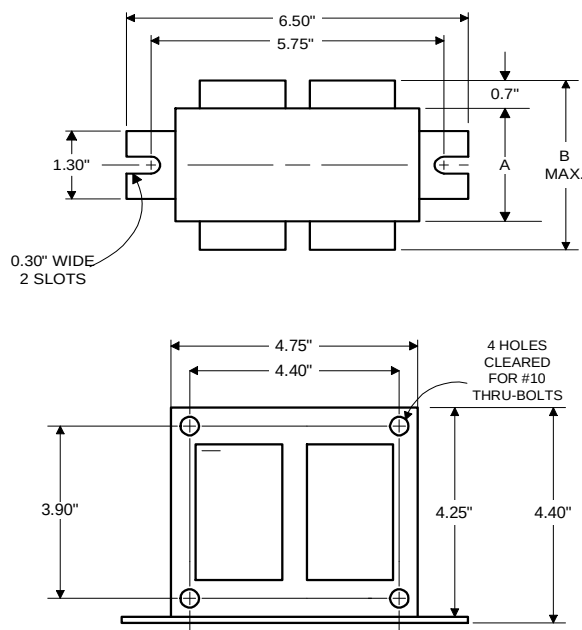
# PHILIPS ADVANCE

Metal  
Halide  
Lamp Ballast

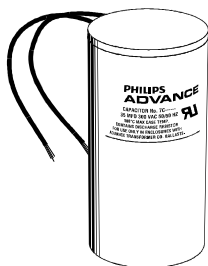
Catalog Number 71A6092A  
For 400W M135/M155 (P.S.)  
60 Hz SUPER-CWA  
Status: Active

## DIMENSIONS AND DATA

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



Capacitor: 7C260P33-R



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

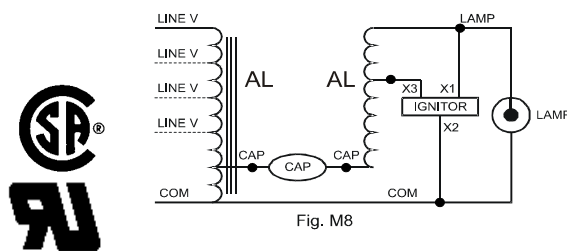
Ignitor: LI533-H4



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

| INPUT VOLTS                                                                          |                | 120       | 208       | 240       | 277       |
|--------------------------------------------------------------------------------------|----------------|-----------|-----------|-----------|-----------|
| 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           | C         | D         | D         | D         |
| 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 |

### Wiring Diagram:



### Ordering Information

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

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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08/28/13