



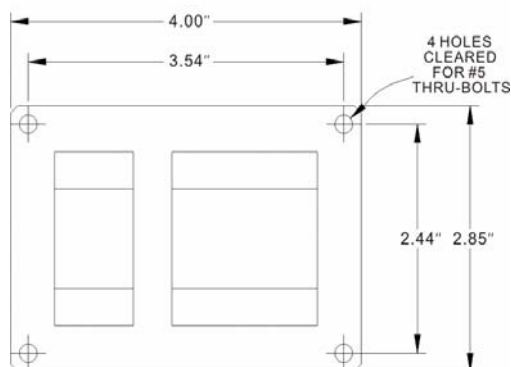
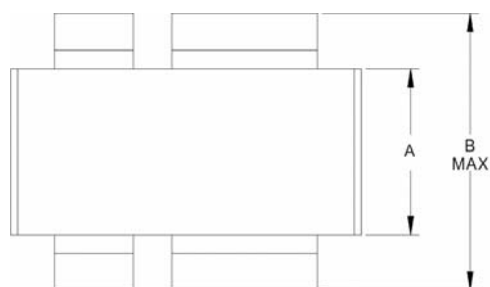
### APPLICATION and PERFORMANCE SPECIFICATION



**MAGNETIC HID BALLASTS**  
**DESCRIPTION: P50ML5AC3**  
**PS50W M110**  
**60 Hz CWA**

#### DIMENSIONS AND DATA

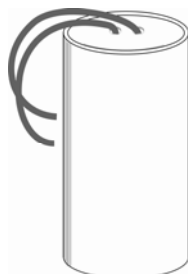
3x4 CORE-2COIL UNIT



|                                         |                | 120  | 208  | 240  | 277  | 480  |
|-----------------------------------------|----------------|------|------|------|------|------|
| INPUT VOLTS                             | CWA            |      |      |      |      |      |
| CIRCUIT TYPE                            | 90%            |      |      |      |      |      |
| POWER FACTOR                            |                |      |      |      |      |      |
| <b>REGULATION</b>                       |                |      |      |      |      |      |
| Line Volts                              | ±10%           |      |      |      |      |      |
| Lamp Watts                              | ±8%            |      |      |      |      |      |
| <b>LINE CURRENT</b>                     |                |      |      |      |      |      |
| Operating.....                          | (Amps)         | 0.63 | 0.36 | 0.32 | 0.27 | 0.16 |
| Open Circuit.....                       |                | 0.57 | 0.32 | 0.29 | 0.24 | 0.14 |
| <b>UL TEMPERATURE RATINGS</b>           |                |      |      |      |      |      |
| Insulating Class                        | N(200°C)       |      |      |      |      |      |
| Coil Temperature Code                   | 1029           | A    | A    | A    | A    | A    |
| MIN.AMBIENT STARTING TEMP.              | -20°F or -30°C |      |      |      |      |      |
| NOM. OPEN CIRCUIT VOLTAGE               | 210            |      |      |      |      |      |
| INPUT VOLTAGE AT LAMP DROPOUT.....      |                | 90   | 156  | 180  | 208  | 360  |
| INPUT WATTS                             | 72             |      |      |      |      |      |
| RECOMMENDED FUSE(Amps).....             |                | 1    | 1    | 1    | 1    | 1    |
| <b>CORE and COIL</b>                    |                |      |      |      |      |      |
| Dimension(A)                            | 1.22           |      |      |      |      |      |
| Dimension(B)                            | 2.72           |      |      |      |      |      |
| Weight(lbs.)                            | 4.4            |      |      |      |      |      |
| Lead Lengths                            | 12"            |      |      |      |      |      |
| <b>CAPACITOR REQUIREMENT</b>            |                |      |      |      |      |      |
| Microfarads                             | 6.0            |      |      |      |      |      |
| Volts(min.)                             | 300            |      |      |      |      |      |
| <b>60Hz TEST PROCEDURES</b>             |                |      |      |      |      |      |
| 1minute                                 | 2000           |      |      |      |      |      |
| 2seconds                                | 2500           |      |      |      |      |      |
| Open Circuit Voltage Test(Volts)        | 190-240        |      |      |      |      |      |
| <b>Short-circuit Current Test(Amps)</b> |                |      |      |      |      |      |
| Secondary Current                       | 0.62-0.93      |      |      |      |      |      |

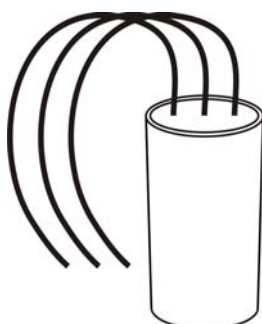
Capacitor:

Capacitance: 6uf/300v  
Diameter: 1.18"  
Height: 2.36"  
Temp Rating: 100°C

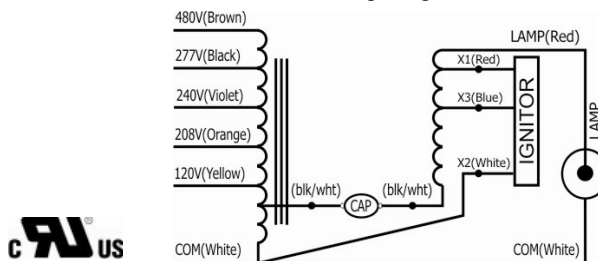


Ignitor: MH400

Diameter: 1.41"  
Height: 2.62"  
Ballast to Lamp Distance  
(BTL) =10feet  
Temp Rating:105°C



#### Wiring Diagram:



#### CONTACT US:

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