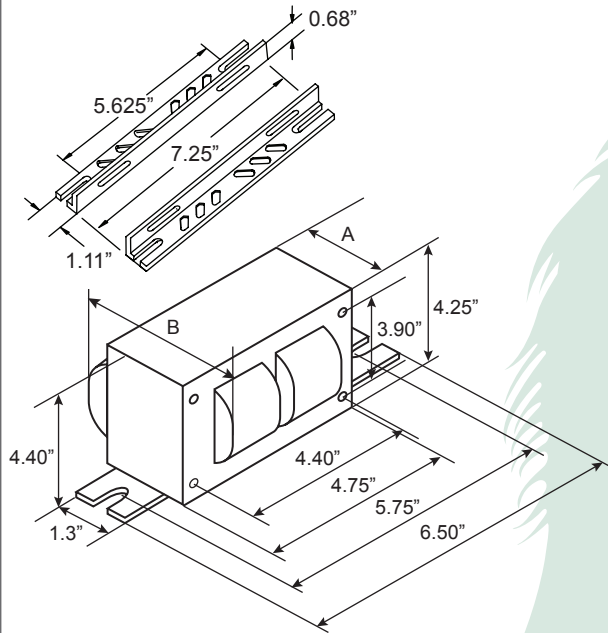


## Mechanical Data:

4.25" x 4.75" CORE-2 COIL UNIT



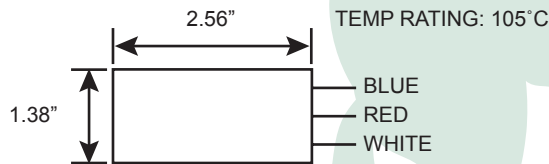
|              |           |
|--------------|-----------|
| DIMENSION A  | 2.13 IN   |
| DIMENSION B  | 4.13 IN   |
| TOTAL WEIGHT | 13.12 LBS |
| LEAD LENGTHS | 12 IN     |

HARDWARE KIT: HH-MH-HDW3      CLAMP: HH-MH-IGCLMP  
 2 3" Thru-Bolts      4 Flat Washers  
 2 Lock Washers      2 Nuts

## Electrical Data:

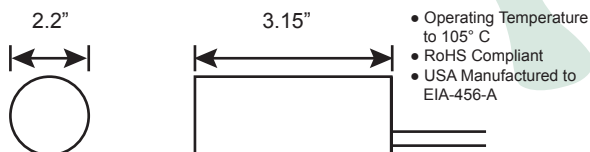
|                                   |                          |       |       |       |
|-----------------------------------|--------------------------|-------|-------|-------|
| INPUT VOLTS                       | 120                      | 208   | 240   | 277   |
| MINIMUM STARTING TEMPERATURE      | -20°F or -30°C           |       |       |       |
| POWER FACTOR                      | 90%                      |       |       |       |
| ANSI CODE                         | 450 WATTS LAMP, M-144    |       |       |       |
| CIRCUIT TYPE                      | CWA                      |       |       |       |
| WATTS INPUT                       | 504                      |       |       |       |
| MAX INPUT CURRENT                 | 4.269                    | 2.458 | 2.136 | 1.845 |
| NOM. OPEN CURRENT VOLTAGE         | 285                      |       |       |       |
| RECOMMENDED FUSE (Amps)           | 10                       | 6     | 5     | 4     |
| REGULATION                        | ±10%                     |       |       |       |
| LINE VOLTS                        | ±10%                     |       |       |       |
| LAMPS WATTS                       |                          |       |       |       |
| INPUT WATTS AT LAMP DROPOUT       | 72                       | 117   | 127   | 148   |
| LINE CURRENT (AMPS)               |                          |       |       |       |
| OPERATING                         | 4.269                    | 2.458 | 2.136 | 1.845 |
| OPEN CIRCUIT                      | 2.402                    | 1.395 | 1.207 | 1.054 |
| STARTING                          | 3.120                    | 1.872 | 1.631 | 1.418 |
| UL TEMPERATURE RATINGS            |                          |       |       |       |
| INSULATION CLASS                  | H(180)                   |       |       |       |
| COIL TEMPERATURE CODE             | 1029                     |       |       |       |
| CAPACITOR REQUIREMENT             |                          |       |       |       |
| MFD                               | 26uF                     |       |       |       |
| MIN VOLT                          | 400                      |       |       |       |
| IGNITOR                           |                          |       |       |       |
| PART NUMBER                       | HH-MH-IG450              |       |       |       |
| MAX DIST TO LAMP                  | 2 FT                     |       |       |       |
| 60Hz TEST PROCEDURES              |                          |       |       |       |
| HIGH POTENTIAL TEST (VOLTS)       | 1 MIN: 2000, 2 SEC: 2500 |       |       |       |
| OPEN CIRCUIT VOLTAGE TEST (VOLTS) | 260-310                  |       |       |       |
| SHORT CIRCUIT CURRENT TEST (AMPS) | 3.84-4.69                |       |       |       |
| SECONDARY CURRENT                 |                          |       |       |       |
| INPUT CURRENT                     | 3.402                    | 1.966 | 1.696 | 1.481 |

## Ignitor:

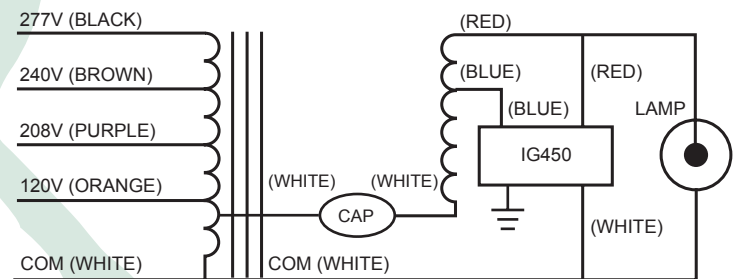


## Capacitor:

Dry Capacitor: HHMH-DCAP-450P



## Wiring Diagram:



## Options:

Basic Ballast Kit includes Ballast, Ignitor and Mounting Hardware only.  
 For capacitor option, add Base Model No. and one Capacitor code:  
**D** = Dry Kit: Ballast + Ignitor + Dry Capacitor + Mounting Hardware  
**W** = Wet Kit: Ballast + Ignitor + Wet Capacitor + Mounting Hardware

HID Ballast and Lamp Kits also available; please see website [www.fulham.com](http://www.fulham.com).