



# Core & Coil (71A) MH 175W - 450W

## CORE & COIL HID 71A6052001D

The basic ballast is the open core and coil which is most often used as a component within a lighting luminaire. The core and coil also forms the nucleus of Philips Advance's five other ballast configurations.

### Product data

| General Information                |                        | Operating and Electrical            |                                               |
|------------------------------------|------------------------|-------------------------------------|-----------------------------------------------|
| ANSI Code                          | M135-M155              | Input Voltage                       | 120/208/240/277/480 V                         |
| Lamp Type                          | 400W MH                | Input Frequency                     | 60 Hz                                         |
| Number Of Lamps                    | 1 piece/unit           | Input Current (Open Circuit)        | 2.7/1.6/1.3/0.8/0.65 A                        |
| Circuit Type                       | SUPER-CWA              | Input Current (Starting)            | 3/1.7/1.5/1.2/0.75 A                          |
| Ballast Type                       | Magnetic HID           | Input Current (Short Circuit)       | 2.2-3.4/1.35-2.1/1.1-1.7/0.75-1.3/0.55-0.85 A |
| Base Model                         | 71A6052A               | Secondary Short Circuit Current     | 3.6-4.4 A                                     |
| Core Size                          | 4 1/4 x 4 3/4 (2 coil) | Constant Wattage Deviation          | 10%                                           |
| Suitable For Outdoor Use           | Yes                    | Ballast Factor (Nom)                | 1                                             |
| Ignitor Catalog Number             | LI533-H4               | Power Factor (Nom)                  | 0.90                                          |
| Ignitor Temperature Rating         | 105°C                  | Open Circuit Voltage                | 275 V                                         |
| Capacitor Value                    | 26 MFD                 | Input Current (Nom)                 | 3.8/2.3/1.9/1.65/0.95 A A                     |
| Capacitor Catalog Number           | 7C260P33R              | Input Power (Nom)                   | 454 W                                         |
| Capacitor Requirements             | 330V                   | Rated Lamp Power                    | 400 W                                         |
| Capacitor Temperature Rating       | 105°C                  | Wiring                              |                                               |
| Capacitor Diameter/Oval Dimensions | 1.75 in                | Wire Striplength                    | 0.5 mm                                        |
| Capacitor Height                   | 4.8 in                 | Wire Length By Color                | 12"                                           |
| Automatic Restart                  | No                     | Wire Type                           | Stranded                                      |
|                                    |                        | Remote Wiring Configuration Allowed | Yes                                           |

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|                                         |              |
|-----------------------------------------|--------------|
| Max Ballast-Lamp Distance Remote Wiring | 2'           |
| Recommended Fuse Value                  | 10/7/5/5/3 A |

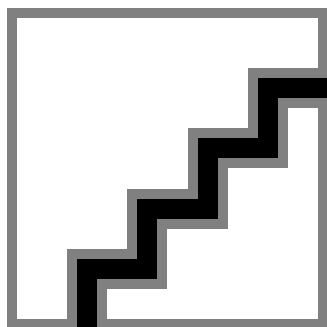
### Approval and Application

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Open Circuit Voltage Test (Volts) | 250-305 V                          |
| Approval Marks                    | ULR CSA certificate RoHS Compliant |
| Temperature Marking               | B/D/D/B/D                          |
| UL Recognized                     | Yes                                |
| Hipot Test (1 Minute)             | 2000 V                             |
| Hipot Test (2 Seconds)            | 2500 V                             |
| UL Insulation Class               | H(180°C)                           |
| UL Temperature Code               | 1029D                              |

### Product Data

|                                 |                             |
|---------------------------------|-----------------------------|
| Order product name              | CORE & COIL HID 71A6052001D |
| EAN/UPC - Product               | 781087087695                |
| Order code                      | 913701115001                |
| Numerator - Quantity Per Pack   | 1                           |
| Numerator - Packs per outer box | 1                           |
| Material Nr. (12NC)             | 913701115001                |
| Net Weight (Piece)              | 7.244 kg                    |

### Dimensional drawing



| Product                     | C1     | C2     | A1     | A2     | B1     | B2     |
|-----------------------------|--------|--------|--------|--------|--------|--------|
| CORE & COIL HID 71A6052001D | 4.3 in | 2.2 in | 4.8 in | 4.4 in | 4.3 in | 3.9 in |

MH BAL 400W M135 OR M155 5-TAP KIT

