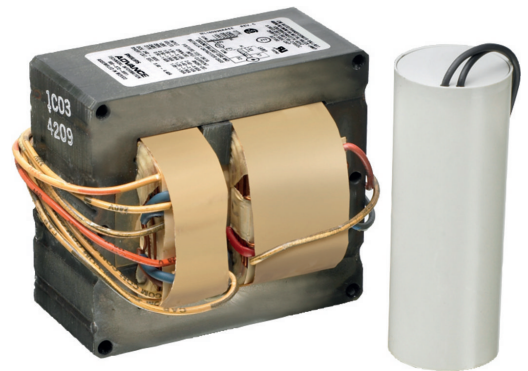




# Core & Coil (71A) MH 175W – 450W

## CORE & COIL HID 71A6041500D

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                |                        |                                 |            |
|------------------------------------|------------------------|---------------------------------|------------|
| ANSI Code                          | M59                    | Input Frequency                 | 60 Hz      |
| Lamp Type                          | 400W MH                | Input Current (Open Circuit)    | 0.75 A     |
| Number of Lamps                    | 1 piece/unit           | Input Current (Starting)        | 0.9 A      |
| Circuit Type                       | CWA                    | Input Current (Short Circuit)   | 0.6-0.95 A |
| Ballast Type                       | Magnetic HID           | Secondary Short Circuit Current | 3.5-4.3 A  |
| Base Model                         | 71A6041                | Constant Wattage Deviation      | 10%        |
| Core Size                          | 4 1/4 x 4 3/4 (2 coil) | Ballast Factor (Nom)            | 1          |
| Suitable For Outdoor Use           | Yes                    | Power Factor (Nom)              | 0.90       |
| Ignitor Catalog Number             | NA                     | Open Circuit Voltage            | 300 V      |
| Ignitor Temperature Rating         | NA                     | Input Current (Nom)             | 1 A A      |
| Capacitor Value                    | 24 MFD                 | Input Power (Nom)               | 462 W      |
| Capacitor Catalog Number           | 7C240P40R              | Rated Lamp Power                | 400 W      |
| Capacitor Requirements             | 400V                   |                                 |            |
| Capacitor Temperature Rating       | 105°C                  |                                 |            |
| Capacitor Diameter/Oval Dimensions | 1.75 in                |                                 |            |
| Capacitor Height                   | 4.8 in                 |                                 |            |
| Automatic Restart                  | No                     |                                 |            |
| Operating and Electrical           |                        |                                 |            |
| Input Voltage                      | 480 V                  |                                 |            |

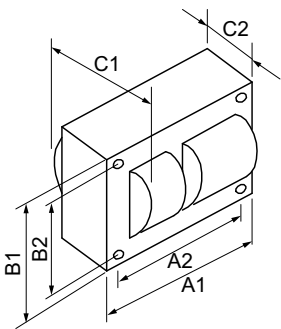
| Wiring                                  |                        |
|-----------------------------------------|------------------------|
| Wire Striplength                        | 0.5 mm                 |
| Wire Length by Color                    | 12"                    |
| Wire Type                               | Stranded               |
| Remote Wiring Configuration Allowed     | Yes                    |
| Max Ballast-Lamp Distance Remote Wiring | Determined by AWG used |
| Recommended Fuse Value                  | 3 A                    |

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| Approval and Application          |                                    |
|-----------------------------------|------------------------------------|
| Open Circuit Voltage Test (Volts) | 270-330 V                          |
| Approval Marks                    | ULR CSA certificate RoHS Compliant |
| Temperature Marking               | E                                  |
| UL Recognized                     | Yes                                |
| Hipot Test (1 Minute)             | 2000 V                             |
| Hipot Test (2 Seconds)            | 2500 V                             |
| UL Insulation Class               | H(180°C)                           |
| UL Temperature Code               | 1029E                              |

| Product Data                    |                             |
|---------------------------------|-----------------------------|
| Order product name              | CORE & COIL HID 71A6041500D |
| EAN/UPC - Product               | 781087098738                |
| Order code                      | 913700503791                |
| Numerator - Quantity Per Pack   | 1                           |
| Numerator - Packs per outer box | 4                           |
| Material Nr. (12NC)             | 913700503791                |
| Net Weight (Piece)              | 6.247 kg                    |

Dimensional drawing



| Product                     | C1   | C2   | A1     | A2     | B1     | B2     |
|-----------------------------|------|------|--------|--------|--------|--------|
| CORE & COIL HID 71A6041500D | 4 in | 2 in | 4.8 in | 4.4 in | 4.3 in | 3.9 in |

MH BAL 400W M59 480V C&C

