



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

# CORE & COIL HID MH BAL 400W M135/155 480V/120T KIT

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                          | M135-M155              |  |  |  |
| Lamp Type                          | 400W MH                |  |  |  |
| Number of Lamps                    | 1 piece/unit           |  |  |  |
| Circuit Type                       | SUPER-CWA              |  |  |  |
| Ballast Type                       | Magnetic HID           |  |  |  |
| Base Model                         | 71A6042TA              |  |  |  |
| Core Size                          | 4 1/4 x 4 3/4 (2 coil) |  |  |  |
| Suitable For Outdoor Use           | Yes                    |  |  |  |
| Ignitor Catalog Number             | LI533-H4               |  |  |  |
| Ignitor Temperature Rating         | 105°C                  |  |  |  |
| Capacitor Value                    | 26 MFD                 |  |  |  |
| Capacitor Catalog Number           | 7C260P33R              |  |  |  |
| Capacitor Requirements             | 330V                   |  |  |  |
| Capacitor Temperature Rating       | 105°C                  |  |  |  |
| Capacitor Diameter/Oval Dimensions | 1.75 in                |  |  |  |
| Capacitor Height                   | 4.8 in                 |  |  |  |
| Automatic Restart                  | No                     |  |  |  |

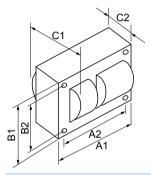
| Operating and Electrical            |            |
|-------------------------------------|------------|
| Input Voltage                       | 480/120T V |
| Input Frequency                     | 60 Hz      |
| Input Current (Open Circuit)        | 0.7 A      |
| Input Current (Starting)            | 0.75 A     |
| Input Current (Short Circuit)       | 0.5-0.8 A  |
| Secondary Short Circuit Current     | 3.6-4.4 A  |
| Constant Wattage Deviation          | 10%        |
| Ballast Factor (Nom)                | 1          |
| Power Factor (Nom)                  | 0.90       |
| Open Circuit Voltage                | 270 V      |
| Input Current (Nom)                 | 1 A A      |
| Input Power (Nom)                   | 452 W      |
| Rated Lamp Power                    | 400 W      |
|                                     |            |
| Wiring                              |            |
| Wire Striplength                    | 0.5 mm     |
| Wire Length by Color                | 12"        |
| Wire Type                           | Stranded   |
| Remote Wiring Configuration Allowed | Yes        |
|                                     |            |

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| Max Ballast-Lamp Distance Remote Wiring 2' |                                    |  |  |  |
|--|------------------------------------|--|--|--|
| Recommended Fuse Value                     | 3 A                                |  |  |  |
|  |                                    |  |  |  |
| Approval and Application                   |                                    |  |  |  |
| Open Circuit Voltage Test (Volts)          | 240-300 V                          |  |  |  |
| Approval Marks                             | ULR CSA certificate RoHS Compliant |  |  |  |
| Temperature Marking                        | 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 MH BAL 400W M135/155 |
|                                 | 480V/120T KIT                        |
| EAN/UPC - Product               | 781087082638                         |
| Order code                      | 913701135502                         |
| Numerator - Quantity Per Pack   | 1                                    |
| Numerator - Packs per outer box | 1                                    |
| Material Nr. (12NC)             | 913701135502                         |
| Net Weight (Piece)              | 5.856 kg                             |
|                                 |                                      |

### Dimensional drawing



MH BAL 400W M135/155 480V/120T KIT

| Product                     | C1     | C2      | A1     | A2     | B1     | B2     |
|-----------------------------|--------|---------|--------|--------|--------|--------|
| CORE & COIL HID MH BAL 400W | 3.9 in | 2.11 in | 4.8 in | 4.4 in | 4.3 in | 3.9 in |
| M135/155 480V/120T KIT      |        |         |        |        |        |        |



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www.lighting.philips.com 2019, March 22 - data subject to change