



# Core & Coil (71A) MH 175W – 450W

## CORE & COIL HID MH BAL 350W M131 QUAD 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                          | M131-M171              |
| Lamp Type                          | 350W MH                |
| Number of Lamps                    | 1 piece/unit           |
| Circuit Type                       | SUPER-CWA              |
| Ballast Type                       | Magnetic HID           |
| Base Model                         | 71A5993A               |
| 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                    | 22.5 MFD               |
| Capacitor Catalog Number           | 7C225P40               |
| Capacitor Requirements             | 345V                   |
| 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            | 120/208/240/277 V |

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Input Frequency                 | 60 Hz                                   |
| Input Current (Open Circuit)    | 2.2/1.3/1.1/1 A                         |
| Input Current (Starting)        | 2.2/1.3/1.1/1 A                         |
| Input Current (Short Circuit)   | 1.75-2.65/1.0-1.55/0.9-1.35/0.75-1.15 A |
| Secondary Short Circuit Current | 3.25-4 A                                |
| Constant Wattage Deviation      | 10%                                     |
| Ballast Factor (Nom)            | 1                                       |
| Power Factor (Nom)              | 0.90                                    |
| Open Circuit Voltage            | 270 V                                   |
| Input Current (Nom)             | 3.4/2/1.7/1.5 A A                       |
| Input Power (Nom)               | 400 W                                   |
| Rated Lamp Power                | 350 W                                   |

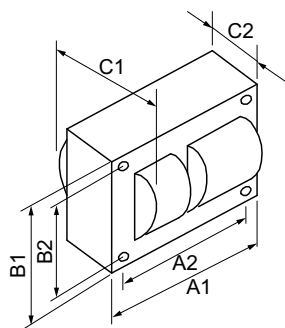
| Wiring                              |          |
|-------------------------------------|----------|
| Wire Striplength                    | 0.5 mm   |
| Wire Length by Color                | 12"      |
| Wire Type                           | Stranded |
| Remote Wiring Configuration Allowed | Yes      |
| Max Ballast-Lamp Distance Remote    | 2'       |
| Wiring                              |          |

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|                                   |                                    |
|-----------------------------------|------------------------------------|
| Recommended Fuse Value            | 10/7/5/5 A                         |
| <b>Approval and Application</b>   |                                    |
| Open Circuit Voltage Test (Volts) | 240-300 V                          |
| Approval Marks                    | ULR CSA certificate RoHS Compliant |
| Temperature Marking               | D/C/C/C                            |
| 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                              |

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| <b>Product Data</b>             |                                           |
| Order product name              | CORE & COIL HID MH BAL 350W M131 QUAD KIT |
| EAN/UPC - Product               | 781087097502                              |
| Order code                      | 913700535509                              |
| Numerator - Quantity Per Pack   | 1                                         |
| Numerator - Packs per outer box | 1                                         |
| Material Nr. (12NC)             | 913700535509                              |
| Net Weight (Piece)              | 5.194 kg                                  |

### Dimensional drawing



| Product                                      | C1      | C2     | A1     | A2     | B1     | B2     |
|----------------------------------------------|---------|--------|--------|--------|--------|--------|
| CORE & COIL HID MH BAL 350W M131<br>QUAD KIT | 3.65 in | 1.8 in | 4.8 in | 4.4 in | 4.3 in | 3.9 in |

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