



Core & Coil (71A) MH ~LT~ 175W

CORE & COIL HID MH BAL 50W M110 QUAD C&C

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

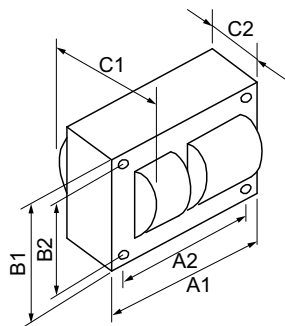
| General Information | | | |
|------------------------------------|-------------------|-------------------------------------|---|
| ANSI Code | M110 | Input Frequency | 60 Hz |
| Lamp Type | 50W MH | Inp. Current (Open Circuit) | 1.2/0.68/0.59/0.51 A |
| Number of Lamps | 1 piece/unit | Input Current (Starting) | 0.46/0.27/0.17/0.2 A |
| Circuit Type | HX-HPF | Input Current (Short Circuit) | 0.42-0.65/0.25-0.37/0.21-0.32/0.16-0.27 A |
| Ballast Type | Magnetic HID | Secondary Short Circuit Current | 0.7-0.88 A |
| Base Model | 71A5191 | Constant Wattage Deviation | 10% |
| Core Size | 3 X 4 (2 coil) | Ballast Factor (Nom) | 1 |
| Suitable For Outdoor Use | Yes | Power Factor (Nom) | 0.90 |
| Ignitor Catalog Number | LI533-H4 | Nominal Open Circuit Voltage | 254 V |
| Ignitor Temperature Rating | 105°C | Input Current (Operating) (Nom) | 0.58/0.33/0.29/0.25 A A |
| Capacitor Value | 6 MFD | Input Power (Nom) | 67 W |
| Capacitor Catalog Number | 7C060L30RA | Rated Lamp Watts | 50 W |
| Capacitor Requirements | 280V | Wiring | |
| Capacitor Temperature Rating | 105°C | Wire Striplength | 0.5 mm |
| Capacitor Diameter/Oval Dimensions | 1.25 in | Wire Length by Color | 12" |
| Capacitor Height | 2.75 in | Wire Type | Stranded |
| Automatic Restart | No | Remote Wiring Configuration Allowed | Yes |
| Operating and Electrical | | Max Ballast-Lamp Distance Remote | 10' |
| Input Voltage | 120/208/240/277 V | Wiring | |

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|-----------------------------------|------------------------------------|
| Recommended Fuse Value | 3/3/2/2 A |
| Approval and Application | |
| Open Circuit Voltage Test (Volts) | 228-280 V |
| Approbation Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | A/A/A/A |
| UL Recognized | Yes |
| Hipot Test (1 Minute) | 2000 V |
| Hipot Test (2 Seconds) | 2500 V |
| UL Insulation Class | H(180°C) |
| UL Temperature Code | 1029A |

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| Product Data | |
| Order product name | CORE & COIL HID MH BAL 50W M110 QUAD C&C |
| EAN/UPC - Product | 781087062876 |
| Order code | 71A5191500D |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 913710651702 |
| Net Weight (Piece) | 1.947 kg |

Dimensional drawing



MH BAL 50W M110 QUAD C&C

| Product | C1 | C2 | A1 | A2 | B1 | B2 |
|-----------------------------|---------|---------|--------|--------|--------|--------|
| CORE & COIL HID 71A5191500D | 2.23 in | 1.18 in | 3.9 in | 3.5 in | 2.8 in | 2.4 in |

