



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

CORE & COIL HID MH BAL 175W M57 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

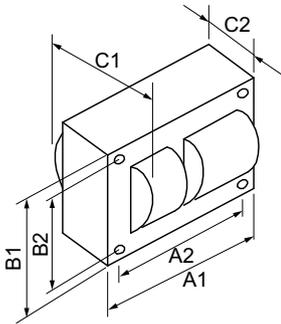
| General Information | | Electrical | |
|------------------------------------|-------------------|-------------------------------------|---|
| ANSI Code | M57-M107 | Input Frequency | 60 Hz |
| Lamp Type | 175/150W MH | Input Current (Open Circuit) | 1.78/1.08/0.93/0.81 A |
| Number of Lamps | 1 piece/unit | Input Current (Starting) | 1.26/0.7/0.61/0.53 A |
| Circuit Type | CWA | Input Current (Short Circuit) | 1.06-1.59/0.6-0.9/0.52-0.78/0.45-0.67 A |
| Ballast Type | Magnetic HID | Secondary Short Circuit Current | 1.5-1.9 A |
| Base Model | 71A5590 | Constant Wattage Deviation | 10% |
| Core Size | 3 X 4 (2 LW) | Ballast Factor (Nom) | 1 |
| Suitable For Outdoor Use | Yes | Power Factor (Nom) | 0.90 |
| Ignitor Catalog Number | NA | Open Circuit Voltage | 305 V |
| Ignitor Temperature Rating | NA | Input Current (Nom) | 1.8/1.04/0.9/0.8 A |
| Capacitor Value | 10 MFD | Input Power (Nom) | 210 W |
| Capacitor Catalog Number | 7C100M40R | Rated Lamp Power | 175/150 W |
| Capacitor Requirements | 400V | Wiring | |
| Capacitor Temperature Rating | 105°C | Wire Striplength | 0.5 mm |
| Capacitor Diameter/Oval Dimensions | 1.45 in | Wire Length by Color | 12" |
| Capacitor Height | 3.75 in | Wire Type | Stranded |
| Automatic Restart | No | Remote Wiring Configuration Allowed | Yes |
| Operating and Electrical | | Max Ballast-Lamp Distance Remote | Determined by AWG used |
| Input Voltage | 120/208/240/277 V | Wiring | |

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| Recommended Fuse Value | 5/3/3/2 A |
| Approval and Application | |
| Open Circuit Voltage Test (Volts) | 275-335 V |
| Approval Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | C/D/D/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 |

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| Product Data | |
| Order product name | CORE & COIL HID MH BAL 175W M57 QUAD C&C |
| EAN/UPC - Product | 781087097892 |
| Order code | 913700572909 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 913700572909 |
| Net Weight (Piece) | 3.217 kg |

Dimensional drawing



MH BAL 175W M57 QUAD C&C

| Product | C1 | C2 | A1 | A2 | B1 | B2 |
|--|---------|---------|--------|--------|--------|--------|
| CORE & COIL HID MH BAL 175W M57 QUAD C&C | 3.95 in | 2.42 in | 3.9 in | 3.5 in | 2.8 in | 2.4 in |

