

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

CORE & COIL HID MH BAL 70W M139 120/277/347V
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 | | Operating and Electrical | |
|------------------------------------|----------------|---------------------------------|--------------------------------|
| ANSI Code | M139 | Input Voltage | 120/277/347 V |
| Lamp Type | 70W MH | Input Frequency | 60 Hz |
| Number of Lamps | 1 piece/unit | Power (Rated) (Nom) | 70 W |
| Circuit Type | HX-HPF | Inp. Current (Open Circuit) | 1.9/0.8/0.65 A |
| Ballast Type | Magnetic HID | Input Current (Starting) | 1.05/0.45/0.38 A |
| Base Model | 71A52A1 | Input Current (Short Circuit) | 0.85-1.25/0.35-0.56/0.3-0.45 A |
| Core Size | 3 X 4 (2 coil) | Secondary Short Circuit Current | 1.1-1.4 A |
| Suitable For Outdoor Use | Yes | Constant Wattage Deviation | 7% |
| Ignitor Catalog Number | LI533-H4 | Ballast Factor (Nom) | 1 |
| Ignitor Temperature Rating | 105°C | Power Factor (Nom) | 0.90 |
| Capacitor Value | 8 MFD | Nominal Open Circuit Voltage | 255 V |
| Capacitor Catalog Number | 7C080L30RA | Input Current (Operating) (Nom) | 0.81/0.35/0.28 A A |
| Capacitor Requirements | 280V | Input Power (Nom) | 94 W |
| Capacitor Temperature Rating | 105°C | Rated Lamp Watts | 70W W |
| Capacitor Diameter/Oval Dimensions | 1.25 in | | |
| Capacitor Height | 2.75 in | | |
| Automatic Restart | No | | |
| | | Wiring | |
| | | Wire Striplength | 0.5 mm |
| | | Wire Length By Color | 12" |

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| Wire Type | Stranded |
| Remote Wiring Configuration Allowed | Yes |
| Max Ballast-Lamp Distance Remote Wiring | 5' |
| Recommended Fuse Value | 4/2/2 A |

Approval and Application

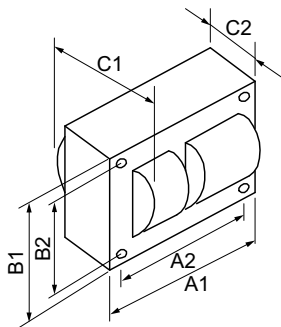
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|-----------------------------------|------------------------------------|
| Open Circuit Voltage Test (Volts) | 230-280 V |
| Approbation Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | A/A/A |
| UL Recognized | Yes |
| Hipot Test (1 Minute) | 1500 V |
| Hipot Test (2 Seconds) | 2500 V |
| UL Insulation Class | H(180°C) |

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|---------------------|-------|
| UL Temperature Code | 1029A |
|---------------------|-------|

Product Data

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|---------------------------------|-----------------------------|
| Order product name | CORE & COIL HID 71A52A1500D |
| EAN/UPC - Product | 781087061411 |
| Order code | 71A52A1500D |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |
| Material Nr. (12NC) | 913710650802 |
| Net Weight (Piece) | 2.318 kg |

Dimensional drawing



MH BAL 70W M139 120/277/347V C&C

| Product | C1 | C2 | A1 | A2 | B1 | B2 |
|-----------------------------|---------|--------|--------|--------|--------|--------|
| CORE & COIL HID 71A52A1500D | 2.80 in | 1.5 in | 3.9 in | 3.5 in | 2.8 in | 2.4 in |

