

Core & Coil (71A) HPS ~LT~ 200W

CORE & COIL HID 71A7907500D

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

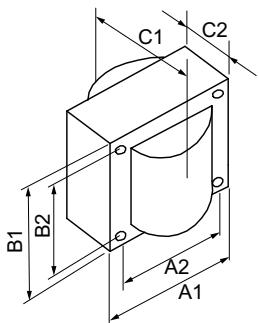
| General Information | | Operating and Electrical | |
|------------------------------------|----------------|---------------------------------|------------------|
| ANSI Code | S62 | Input Voltage | 120 V |
| Lamp Type | 70W HPS | Input Frequency | 60 Hz |
| Number Of Lamps | 1 piece/unit | Power (Rated) (Nom) | 70 W |
| Circuit Type | R-HPF | Input Current (Open Circuit) | 1.3 A |
| Ballast Type | Magnetic HID | Input Current (Starting) | 0.9 A |
| Base Model | 71A7907 | Input Current (Short Circuit) | 1.9-2.9 A |
| Core Size | 2 5/8 x 2 3/16 | Secondary Short Circuit Current | 1.9-2.9 A |
| Suitable For Outdoor Use | Yes | Constant Wattage Deviation | Within Trapezoid |
| Ignitor Catalog Number | LI551-H4 | Ballast Factor (Nom) | 1 |
| Ignitor Temperature Rating | 105°C | Power Factor (Nom) | 0.90 |
| Capacitor Value | 28 MFD | Open Circuit Voltage | 120 V |
| Capacitor Catalog Number | 7C280M12RA | Input Current (Nom) | 0.75 A A |
| Capacitor Requirements | 120V | Input Power (Nom) | 86 W |
| Capacitor Temperature Rating | 105°C | Rated Lamp Power | 70W W |
| Capacitor Diameter/Oval Dimensions | 1.65 in | | |
| Capacitor Height | 2.75 in | | |
| Automatic Restart | No | | |
| Wiring | | | |
| | | Wire Striplength | 0.5 mm |
| | | Wire Length By Color | 12" |
| | | Wire Type | Stranded |

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| Remote Wiring Configuration Allowed | Yes |
| Max Ballast-Lamp Distance Remote Wiring | 2' |
| Recommended Fuse Value | 3 A |
| Approval and Application | |
| Open Circuit Voltage Test (Volts) | 114-126 V |
| Approval Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | A |
| UL Recognized | Yes |
| Hipot Test (1 Minute) | 2000 V |
| Hipot Test (2 Seconds) | 2500 V |
| UL Insulation Class | H(180°C) |

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|---------------------------------|-----------------------------|
| UL Temperature Code | 1029A |
| Product Data | |
| Order product name | CORE & COIL HID 71A7907500D |
| EAN/UPC - Product | 781087790755 |
| Order code | 913700525909 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 16 |
| Material Nr. (12NC) | 913700525909 |
| Net Weight (Piece) | 1.085 kg |

Dimensional drawing



HPS BAL 70W S62 120V C&C

| Product | C1 | C2 | A1 | A2 | B1 | B2 |
|---------|----|----|----|----|----|----|
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