



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

## CORE & COIL HID HPS BAL 70W S62 120V 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                    | S62            | Input Current (Starting)                | 2.1 A            |
| Lamp Type                    | 70W HPS        | Input Current (Short Circuit)           | 1.9-2.9 A        |
| Number of Lamps              | 1 piece/unit   | Secondary Short Circuit Current         | 1.9-2.9 A        |
| Circuit Type                 | R-NPF          | Constant Wattage Deviation              | Within Trapezoid |
| Ballast Type                 | Magnetic HID   | Ballast Factor (Nom)                    | 1                |
| Base Model                   | 71A7907B_NPF   | Power Factor (Nom)                      | 0.43             |
| Core Size                    | 2 5/8 x 2 3/16 | Nominal Open Circuit Voltage            | 120 V            |
| Suitable For Outdoor Use     | Yes            | Input Current (Operating) (Nom)         | 1.6 A A          |
| Ignitor Catalog Number       | INTEGRAL       | Input Power (Nom)                       | 86 W             |
| Ignitor Temperature Rating   | 125°C          | Rated Lamp Watts                        | 70 W             |
| Capacitor Value              | NA             | Wiring                                  |                  |
| Capacitor Catalog Number     | NA             | Wire Striplength                        | 0.5 mm           |
| Capacitor Requirements       | NA             | Wire Length by Color                    | 12"              |
| Capacitor Temperature Rating | NA             | Wire Type                               | Stranded         |
| Automatic Restart            | No             | Remote Wiring Configuration Allowed     | Yes              |
| Operating and Electrical     |                | Max Ballast-Lamp Distance Remote Wiring | 2'               |
| Input Voltage                | 120 V          | Recommended Fuse Value                  | 8 A              |
| Input Frequency              | 60 Hz          | Approval and Application                |                  |
| Inp. Current (Open Circuit)  | 0 A            | Open Circuit Voltage Test (Volts)       | 114-126 V        |

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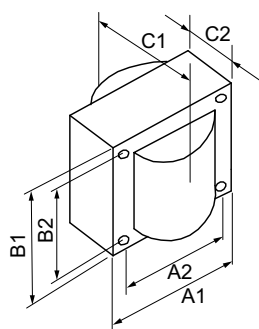
|                        |                                    |
|------------------------|------------------------------------|
| Approbation Marks      | ULR CSA certificate RoHS Compliant |
| Temperature Marking    | A                                  |
| UL Recognized          | Yes                                |
| Hipot Test (1 Minute)  | 2000 V                             |
| Hipot Test (2 Seconds) | 2500 V                             |
| UL Insulation Class    | H(180°C)                           |
| UL Temperature Code    | 1029A                              |

### Product Data

|                    |  |
|--------------------|--|
| Order product name | CORE & COIL HID HPS BAL 70W S62 120V C&C |
|--------------------|--|

|                                 |              |
|---------------------------------|--------------|
| EAN/UPC - Product               | 781087790779 |
| Order code                      | 71A7907600B  |
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 24           |
| Material Nr. (12NC)             | 913700501771 |
| Net Weight (Piece)              | 0.894 kg     |

### Dimensional drawing



HPS BAL 70W S62 120V C&C

| Product                                  | C1      | C2     | A1     | A2     | B1     | B2     |
|--|---------|--------|--------|--------|--------|--------|
| CORE & COIL HID HPS BAL 70W S62 120V C&C | 2.90 in | 1.3 in | 2.6 in | 2.2 in | 2.2 in | 1.8 in |

