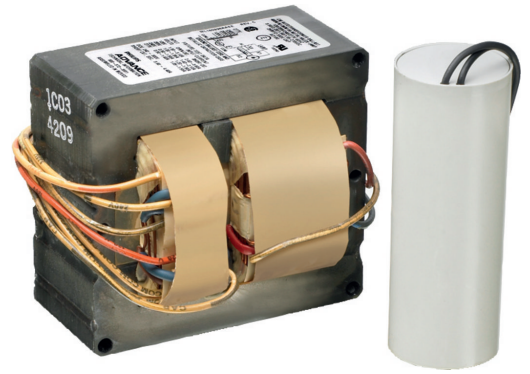




# Core & Coil (71A) HPS ~LT~ 200W

## CORE & COIL HID HPS BAL 150W S55 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                          | S55               | Input Frequency                     | 60 Hz                                 |
| Lamp Type                          | 150W HPS          | Input Current (Open Circuit)        | 2.8/1.6/1.4/1.25 A                    |
| Number of Lamps                    | 1 piece/unit      | Input Current (Starting)            | 2/1.15/1/0.85 A                       |
| Circuit Type                       | HX-HPF            | Input Current (Short Circuit)       | 1.15-1.75/0.65-1/0.55-0.85/0.5-0.75 A |
| Ballast Type                       | Magnetic HID      | Secondary Short Circuit Current     | 3.95-4.85 A                           |
| Base Model                         | 71A8192           | Constant Wattage Deviation          | Within Trapezoid                      |
| Core Size                          | 3 X 4 (2 LW)      | Ballast Factor (Nom)                | 1                                     |
| Suitable For Outdoor Use           | Yes               | Power Factor (Nom)                  | 0.90                                  |
| Ignitor Catalog Number             | LI551-H4          | Open Circuit Voltage                | 120 V                                 |
| Ignitor Temperature Rating         | 105°C             | Input Current (Nom)                 | 1.65/0.95/0.83/0.72 A A               |
| Capacitor Value                    | 14 MFD            | Input Power (Nom)                   | 190 W                                 |
| Capacitor Catalog Number           | 7C140M30RA        | Rated Lamp Power                    | 150 W                                 |
| Capacitor Requirements             | 280V              | Wiring                              |                                       |
| Capacitor Temperature Rating       | 105°C             | Wire Striplength                    | 0.5 mm                                |
| Capacitor Diameter/Oval Dimensions | 1.65 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    | 2'                                    |
| Input Voltage                      | 120/208/240/277 V | Wiring                              |                                       |

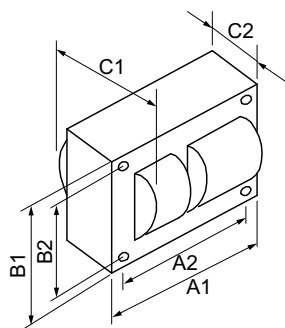
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|                                   |                                    |
|-----------------------------------|------------------------------------|
| Recommended Fuse Value            | 10/5/5/4 A                         |
| <b>Approval and Application</b>   |                                    |
| Open Circuit Voltage Test (Volts) | 110-130 V                          |
| Approval Marks                    | ULR CSA certificate RoHS Compliant |
| Temperature Marking               | E/E/E/E                            |
| UL Recognized                     | Yes                                |
| Hipot Test (1 Minute)             | 2000 V                             |
| Hipot Test (2 Seconds)            | 2500 V                             |
| UL Insulation Class               | H(180°C)                           |
| UL Temperature Code               | 1029E                              |

### Product Data

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| Order product name              | CORE & COIL HID HPS BAL 150W S55 QUAD C&C |
| EAN/UPC - Product               | 781087031025                              |
| Order code                      | 913700505171                              |
| Numerator - Quantity Per Pack   | 1                                         |
| Numerator - Packs per outer box | 4                                         |
| Material Nr. (12NC)             | 913700505171                              |
| Net Weight (Piece)              | 3.784 kg                                  |

### Dimensional drawing



| Product                                      | C1     | C2     | A1     | A2     | B1     | B2     |
|----------------------------------------------|--------|--------|--------|--------|--------|--------|
| CORE & COIL HID HPS BAL 150W S55<br>QUAD C&C | 4.2 in | 2.5 in | 3.9 in | 3.5 in | 2.8 in | 2.4 in |

HPS BAL 150W S55 QUAD KIT

