

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

CORE & COIL HID HPS BAL 150W S55 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 | S55 |
| Lamp Type | 150W HPS |
| Number of Lamps | 1 piece/unit |
| Circuit Type | R-HPF |
| Ballast Type | Magnetic HID |
| Base Model | 71A8107 |
| Core Size | 2 5/8 x 2 3/16 |
| Suitable For Outdoor Use | Yes |
| Ignitor Catalog Number | LI551-H4 |
| Ignitor Temperature Rating | 105°C |
| Capacitor Value | 55 MFD |
| Capacitor Catalog Number | 7C550P12RA |
| Capacitor Requirements | 120V |
| Capacitor Temperature Rating | 105°C |
| Capacitor Diameter/Oval Dimensions | 1.75 in |
| Capacitor Height | 3.75 in |
| Automatic Restart | No |

| Operating and Electrical | |
|---------------------------------|------------------|
| Input Voltage | 120 V |
| Input Frequency | 60 Hz |
| Power (Rated) (Nom) | 150 W |
| Inp. Current (Open Circuit) | 2.35 A |
| Input Current (Starting) | 2.25 A |
| Input Current (Short Circuit) | 1.65-2.75 A |
| Secondary Short Circuit Current | 3.65-5.55 A |
| Constant Wattage Deviation | Within Trapezoid |
| Ballast Factor (Nom) | 1 |
| Power Factor (Nom) | 0.90 |
| Nominal Open Circuit Voltage | 120 V |
| Input Current (Operating) (Nom) | 1.5 A A |
| Input Power (Nom) | 170 W |
| Rated Lamp Watts | 150W W |
| | |
| Wiring | |
| Wire Striplength | 0.5 mm |
| Wire Length By Color | 12" |
| Wire Type | Stranded |

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

| | |
|---|-----|
| Remote Wiring Configuration Allowed | Yes |
| Max Ballast-Lamp Distance Remote Wiring | 2' |
| Recommended Fuse Value | 8 A |

Approval and Application

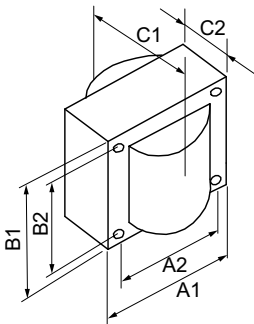
| | |
|-----------------------------------|------------------------------------|
| Open Circuit Voltage Test (Volts) | 114-126 V |
| Approbation Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | A |
| UL Recognized | Yes |
| Hipot Test (1 Minute) | 2000 V |
| Hipot Test (2 Seconds) | 2500 V |
| UL Insulation Class | H(180°C) |

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

Product Data

| | |
|---------------------------------|-----------------------------|
| Order product name | CORE & COIL HID 71A8107500D |
| EAN/UPC - Product | 781087810750 |
| Order code | 71A8107500D |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |
| Material Nr. (12NC) | 913700526309 |
| Net Weight (Piece) | 1.665 kg |

Dimensional drawing



HPS BAL 150W S55 120V C&C

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

