



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

CORE & COIL HID HPS BAL 50W S68 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 | S68 | |
| Lamp Type | 50W HPS | |
| Number of Lamps | 1 piece/unit | |
| Circuit Type | R-NPF | |
| Ballast Type | Magnetic HID | |
| Base Model | 71A7807B_NPF | |
| Core Size | 2 5/8 x 2 3/16 | |
| Suitable For Outdoor Use | Yes | |
| Ignitor Catalog Number | INTEGRAL | |
| Ignitor Temperature Rating | 125°C | |
| Capacitor Value | NA | |
| Capacitor Catalog Number | NA | |
| Capacitor Requirements | NA | |
| Capacitor Temperature Rating | NA | |
| Automatic Restart | No | |
| | | |
| Operating and Electrical | | |
| Input Voltage | 120 V | |
| Input Frequency | 60 Hz | |
| Inp. Current (Open Circuit) | 0 A | |
| | | |

| Input Current (Starting) | 1.8 A | |
|--|------------------|--|
| Input Current (Short Circuit) | 1.45-2.2 A | |
| Secondary Short Circuit Current | 1.45-2.2 A | |
| Constant Wattage Deviation | Within Trapezoid | |
| Ballast Factor (Nom) | 1 | |
| Power Factor (Nom) | 0.45 | |
| Nominal Open Circuit Voltage | 120 V | |
| Input Current (Operating) (Nom) | 1.18 A A | |
| Input Power (Nom) | 62 W | |
| Rated Lamp Watts | 50 W | |
| | | |
| Wiring | | |
| Wire Striplength | 0.5 mm | |
| Wire Length by Color | 12" | |
| Wire Type | Stranded | |
| Remote Wiring Configuration Allowed | Yes | |
| Max Ballast-Lamp Distance Remote Wiring 2' | | |
| Recommended Fuse Value | 5 A | |
| | | |
| Approval and Application | | |
| 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 50W S68 120V | |
| | C&C | |

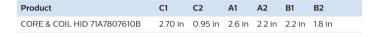
| EAN/UPC - Product | 781087023884 |
|---------------------------------|--------------|
| Order code | 71A7807610B |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 16 |
| Material Nr. (12NC) | 913700504471 |
| Net Weight (Piece) | 0.667 kg |
| | |

| | C&C |
|--------------------|---------------------------|
| Order product name | CORE & COIL HID HPS BAL 5 |

Dimensional drawing

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

HPS BAL 50W S68 120V C&C





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