



Core & Coil (71A) HPS 200W - 400W

CORE & COIL HID HPS BAL 400W S51 QUAD KIT

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 | S51-M169 |
| Lamp Type | 400W HPS |
| Number of Lamps | 1 piece/unit |
| Circuit Type | CWA |
| Ballast Type | Magnetic HID |
| Base Model | 71A8493 |
| Core Size | 4 x 4 (2 coil) |
| Suitable For Outdoor Use | Yes |
| Ignitor Catalog Number | LI501-H4 |
| Ignitor Temperature Rating | 105°C |
| Capacitor Value | 55 MFD |
| Capacitor Catalog Number | 7C550P24RA |
| Capacitor Requirements | 240V |
| Capacitor Temperature Rating | 105°C |
| Capacitor Diameter/Oval Dimensions | 1.85 in |
| Capacitor Height | 3.70 in |
| Automatic Restart | No |
| | |
| Operating and Electrical | |
| Input Voltage | 120/208/240/277 V |
| | |

| Input Frequency | 60 Hz |
|-------------------------------------|----------------------------------|
| Input Current (Open Circuit) | 2/1.2/0.95/0.85 A |
| Input Current (Starting) | 3.3/1.8/1.5/1.4 A |
| Input Current (Short Circuit) | 2.4-3.6/1.4-2.1/1.2-1.8/1-1.55 A |
| Secondary Short Circuit Current | 6-7.4 A |
| Constant Wattage Deviation | Within Trapezoid |
| Ballast Factor (Nom) | 1 |
| Power Factor (Nom) | 0.90 |
| Open Circuit Voltage | 190 V |
| Input Current (Nom) | 3.8/2.2/1.9/1.7 A A |
| Input Power (Nom) | 464 W |
| Rated Lamp Power | 400 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 | 2' |
| Wiring | |

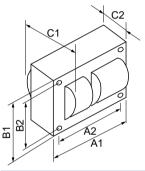
Datasheet, 2019, March 22 data subject to change

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| Recommended Fuse Value | 10/8/5/5 A |
|-----------------------------------|------------------------------------|
| | |
| Approval and Application | |
| Open Circuit Voltage Test (Volts) | 170-210 V |
| Approval Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | D/D/D/D |
| UL Recognized | Yes |
| Hipot Test (1 Minute) | 2000 V |
| Hipot Test (2 Seconds) | 2500 V |
| UL Insulation Class | H(180°C) |
| UL Temperature Code | 1029D |
| | |

| Product Data | |
|---------------------------------|---------------------------------------|
| Order product name | CORE & COIL HID HPS BAL 400W S51 QUAD |
| | KIT |
| EAN/UPC - Product | 781087052600 |
| Order code | 175703 |
| Local order code | 175703 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 913700503109 |
| Net Weight (Piece) | 7.009 kg |
| | |

Dimensional drawing



HPS BAL 400W S51 QUAD KIT

| Product | C1 | C2 | A1 | A2 | B1 | B2 |
|----------------------------------|---------|---------|--------|--------|--------|--------|
| CORE & COIL HID HPS BAL 400W S51 | 4.30 in | 2.65 in | 4.8 in | 4.4 in | 4.3 in | 3.9 in |
| QUAD KIT | | | | | | |



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