

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

**CORE & COIL HID HPS BAL 250W S50 480V/120T
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 | S50 |
| Lamp Type | 250W HPS |
| Number of Lamps | 1 piece/unit |
| Circuit Type | CWA |
| Ballast Type | Magnetic HID |
| Base Model | 71A8241T |
| Core Size | 4 x 4 (2 coil) |
| Suitable For Outdoor Use | Yes |
| Ignitor Catalog Number | LI501-H4 |
| Ignitor Temperature Rating | 105°C |
| Capacitor Value | 35 MFD |
| Capacitor Catalog Number | 7C350P24RA |
| Capacitor Requirements | 240V |
| Capacitor Temperature Rating | 105°C |
| Capacitor Diameter/Oval Dimensions | 1.65 in |
| Capacitor Height | 3.7 in |
| Automatic Restart | No |

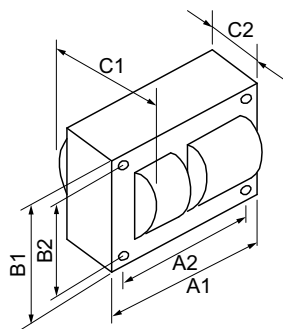
| Operating and Electrical | |
|-------------------------------------|------------------|
| Input Voltage | 480/120T V |
| Input Frequency | 60 Hz |
| Imp. Current (Open Circuit) | 0.45 A |
| Input Current (Starting) | 0.4 A |
| Input Current (Short Circuit) | 0.25-0.45 A |
| Secondary Short Circuit Current | 3.7-4.5 A |
| Constant Wattage Deviation | Within Trapezoid |
| Ballast Factor (Nom) | 1 |
| Power Factor (Nom) | 0.90 |
| Nominal Open Circuit Voltage | 187 V |
| Input Current (Operating) (Nom) | 0.63 A A |
| Input Power (Nom) | 310 W |
| Rated Lamp Watts | 250 W |
| | |
| Wiring | |
| Wire Striplength | 0.5 mm |
| Wire Length by Color | 12" |
| Wire Type | Stranded |
| Remote Wiring Configuration Allowed | Yes |

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| Max Ballast-Lamp Distance Remote Wiring 2' | |
| Recommended Fuse Value | 2 A |
| Approval and Application | |
| Open Circuit Voltage Test (Volts) | 170-205 V |
| Approbation Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | B |
| UL Recognized | Yes |
| Hipot Test (1 Minute) | 2000 V |
| Hipot Test (2 Seconds) | 2500 V |
| UL Insulation Class | H(180°C) |
| UL Temperature Code | 1029B |

| | |
|---------------------------------|--|
| Product Data | |
| Order product name | CORE & COIL HID HPS BAL 250W S50 480V/120T C&C |
| EAN/UPC - Product | 781087051719 |
| Order code | 71A8241500DT |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 4 |
| Material Nr. (12NC) | 913700505431 |
| Net Weight (Piece) | 5.203 kg |

Dimensional drawing



| Product | C1 | C2 | A1 | A2 | B1 | B2 |
|------------------------------|---------|--------|--------|--------|--------|--------|
| CORE & COIL HID 71A8241500DT | 3.45 in | 1.8 in | 4.8 in | 4.4 in | 4.3 in | 3.9 in |

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