



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

| ANSI Code S50 Lamp Type 250W HPS Number of Lamps 1 piece/unit Circuit Type CWA Ballast Type Magnetic HID Base Model 71A8241TA 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 Temperature Rating 105°C Capacitor Temperature Rating 105°C | General Information | |
|--|------------------------------------|----------------|
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| Capacitor Requirements 240V Capacitor Temperature Rating 105°C Capacitor Diameter/Oval Dimensions 1.65 in | Capacitor Value | 35 MFD |
| Capacitor Temperature Rating 105°C Capacitor Diameter/Oval Dimensions 1.65 in | Capacitor Catalog Number | 7C350P24RA |
| Capacitor Diameter/Oval Dimensions 1.65 in | Capacitor Requirements | 240V |
| | Capacitor Temperature Rating | 105°C |
| | Capacitor Diameter/Oval Dimensions | 1.65 in |
| Capacitor Height 3.7 in | Capacitor Height | 3.7 in |
| Automatic Restart No | Automatic Restart | No |
| | | |

| Operating and Electrical | |
|-------------------------------------|------------------|
| Input Voltage | 480/120T V |
| Input Frequency | 60 Hz |
| Inp. Current (Open Circuit) | 0.42 A |
| Input Current (Starting) | 0.38 A |
| Input Current (Short Circuit) | 0.26-0.39 A |
| Secondary Short Circuit Current | 3.65-4.45 A |
| Constant Wattage Deviation | Within Trapezoid |
| Ballast Factor (Nom) | 1 |
| Power Factor (Nom) | 0.90 |
| Nominal Open Circuit Voltage | 189 V |
| Input Current (Operating) (Nom) | 0.63 A A |
| Input Power (Nom) | 299 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 |

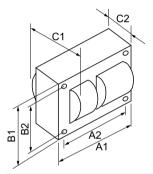
Datasheet, 2019, February 12 data subject to change

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

| Max Ballast-Lamp Distance Remote Wiring | 2' |
|---|------------------------------------|
| Recommended Fuse Value | 10/4/4/3/2 A |
| | |
| Approval and Application | |
| Open Circuit Voltage Test (Volts) | 167-203 V |
| Approbation Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | В |
| 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 71A8241500DTA |
| EAN/UPC - Product | 781087090459 |
| Order code | 71A8241500DTA |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 4 |
| Material Nr. (12NC) | 913701119302 |
| Net Weight (Piece) | 4.976 kg |

Dimensional drawing



HPS BAL 250W S50 480V/120T C&C





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