



Core & Coil (71A) LPS

CORE & COIL HID LPS BAL 135/180W L73/74 QUAD 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 | L74 | Input Current (Short Circuit) | 0.72-1.08/0.35-0.53/0.36-0.55/0.3-0.45 A |
| Lamp Type | 180W LPS | Secondary Short Circuit Current | 0.92-1.12 A |
| Number of Lamps | 1 piece/unit | Constant Wattage Deviation | 10% |
| Circuit Type | HX-HPF | Ballast Factor (Nom) | 1 |
| Ballast Type | Magnetic HID | Power Factor (Nom) | 0.90 |
| Base Model | 71A0790 | Nominal Open Circuit Voltage | 695 V |
| Core Size | 4 1/4 x 5 3/4 (2 coil) | Input Current (Operating) (Nom) | 1.8/1/0.89/0.75 A A |
| Suitable For Outdoor Use | Yes | Input Power (Nom) | 208 W |
| Capacitor Value | 16 MFD | Rated Lamp Watts | 180 W |
| Capacitor Catalog Number | 7C160P40 | Wiring | |
| Capacitor Requirements | 330V | Wire Striplength | 0.5 mm |
| Capacitor Temperature Rating | 105°C | Wire Length by Color | 12" |
| Capacitor Diameter/Oval | 1.75 in | Wire Type | Stranded |
| Dimensions | | Remote Wiring Configuration | Yes |
| Capacitor Height | 3.75 in | Allowed | |
| Automatic Restart | No | Max Ballast-Lamp Distance | Determined by AWG used |
| Operating and Electrical | | Remote Wiring | |
| Input Voltage | 120/208/240/277 V | Recommended Fuse Value | 15/7/7/6 A |
| Input Frequency | 60 Hz | Approval and Application | |
| Inp. Current (Open Circuit) | 5.28/2.82/2.65/2.25 A | Open Circuit Voltage Test (Volts) | 625-765 V |
| Input Current (Starting) | 2.15/1.2/1.06/0.92 A | Approbation Marks | ULR CSA certificate RoHS Compliant |

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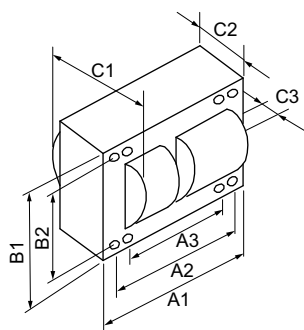
| | |
|------------------------|----------|
| Temperature Marking | A/A/A/A |
| UL Recognized | Yes |
| Hipot Test (1 Minute) | 2000 V |
| Hipot Test (2 Seconds) | 2500 V |
| UL Insulation Class | H(180°C) |
| UL Temperature Code | 1029A |

Product Data

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|--------------------|---|
| Order product name | CORE & COIL HID LPS BAL 135/180W L73/74 QUAD C&C |
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| | |
|---------------------------------|--------------|
| EAN/UPC - Product | 781087119877 |
| Order code | 71A0790500D |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 3 |
| Material Nr. (12NC) | 913700502111 |
| Net Weight (Piece) | 6.972 kg |

Dimensional drawing



LPS BAL 135/180W L73/74 QUAD C&C

| Product | C1 | C2 | A1 | A2 | A3 | B1 | B2 | C3 |
|--------------------------------|------|---------|--------|--------|--------|--------|--------|--------|
| CORE & COIL HID 71A0790500D | 4 in | 2.35 in | 5.8 in | 5.4 in | 4.4 in | 4.3 in | 3.9 in | 1.3 in |

