



# 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                | Open Circuit Voltage              | 695 V                                    |
| Core Size                    | 4 1/4 x 5 3/4 (2 coil) | Input Current (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 Power                  | 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          |  |
| Input 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   | Approval Marks                    | ULR CSA certificate RoHS Compliant       |

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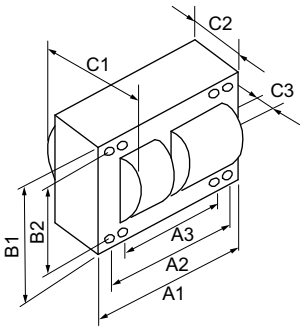
|                        |          |
|------------------------|----------|
| Temperature Marking    | A/A/A/A  |
| UL Recognized          | Yes      |
| Hipot Test (1 Minute)  | 2000 V   |
| Hipot Test (2 Seconds) | 2500 V   |
| UL Insulation Class    | H(180°C) |
| UL Temperature Code    | 1029A  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

Product Data

|                    |  |
|--------------------|--|
| Order product name | CORE & COIL HID LPS BAL 135/180W L73/74 QUAD C&C |
|--------------------|--|

|                                 |              |
|---------------------------------|--------------|
| EAN/UPC - Product               | 781087119877 |
| Order code                      | 177089       |
| Local order code                | 177089       |
| 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<br>71A0790500D | 4 in | 2.35 in | 5.8 in | 5.4 in | 4.4 in | 4.3 in | 3.9 in | 1.3 in |

