

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

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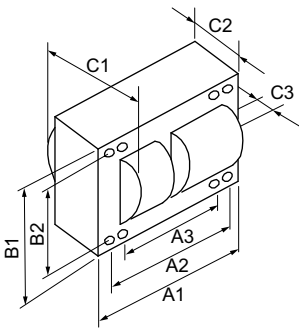
Approval and Application

Open Circuit Voltage Test (Volts)	625-765 V
Approbation Marks	ULR CSA certificate RoHS Compliant
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 71A0790500D
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



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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

