



# Core & Coil (71A) LPS

## CORE & COIL HID LPS BAL 135/180W L73/74 347/480V 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	Secondary Short Circuit Current	0.96-1.17 A
Lamp Type	180W LPS	Constant Wattage Deviation	10%
Number of Lamps	1 piece/unit	Ballast Factor (Nom)	1
Circuit Type	HX-HPF	Power Factor (Nom)	0.90
Ballast Type	Magnetic HID	Nominal Open Circuit Voltage	690 V
Base Model	71A07F0	Input Current (Operating) (Nom)	0.62/0.45 A A
Core Size	4 1/4 x 5 3/4 (2 coil)	Input Power (Nom)	213 W
Suitable For Outdoor Use	Yes	Rated Lamp Watts	180 W
Capacitor Value	16 MFD		
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 Dimensions	1.75 in	Wire Type	Stranded
Capacitor Height	3.75 in	Remote Wiring Configuration Allowed	Yes
Automatic Restart	No	Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
		Recommended Fuse Value	5/4 A
Operating and Electrical		Approval and Application	
Input Voltage	347/480 V	Open Circuit Voltage Test (Volts)	620-755 V
Input Frequency	60 Hz	Approbation Marks	ULR CSA certificate RoHS Compliant
Inp. Current (Open Circuit)	1.82/1.33 A	Temperature Marking	A/A
Input Current (Starting)	0.76/0.54 A	UL Recognized	Yes
Input Current (Short Circuit)	0.26-0.4/0.19-0.29 A	Hipot Test (1 Minute)	2000 V

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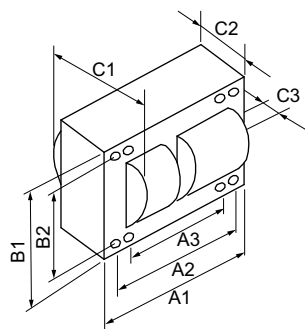
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029A

### Product Data

Order product name	CORE & COIL HID LPS BAL 135/180W L73/74 347/480V C&C
EAN/UPC - Product	781087119907

Order code	71A07F0500D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material Nr. (12NC)	913700502121
Net Weight (Piece)	7.009 kg

### Dimensional drawing



Product	C1	C2	A1	A2	A3	B1	B2	C3
CORE & COIL HID LPS BAL 135/180W L73/74 347/480V C&C	4 in	2.35 in	5.8 in	5.4 in	4.4 in	4.3 in	3.9 in	1.3 in

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