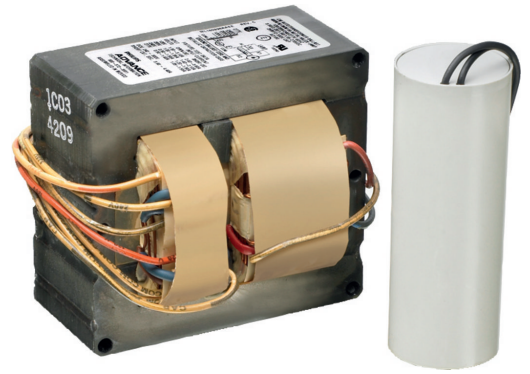




Core & Coil (71A) LPS

CORE & COIL HID LPS BAL 90W L72 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

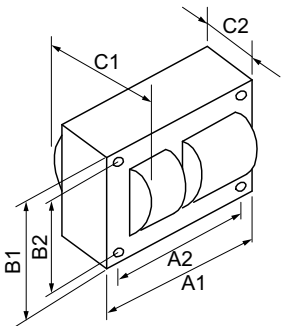
General Information			
ANSI Code	L72	Constant Wattage Deviation	10%
Lamp Type	90W LPS	Ballast Factor (Nom)	1
Number of Lamps	1 piece/unit	Power Factor (Nom)	0.90
Circuit Type	HX-HPF	Nominal Open Circuit Voltage	515 V
Ballast Type	Magnetic HID	Input Current (Operating) (Nom)	1.06/0.6/0.53/0.5 A A
Base Model	71A0590	Input Power (Nom)	125 W
Core Size	4 1/4 x 4 3/4 (2 coil)	Rated Lamp Watts	90 W
Suitable For Outdoor Use	Yes	Wiring	
Capacitor Value	17.5 MFD	Wire Striplength	0.5 mm
Capacitor Catalog Number	7C175M30RA	Wire Length by Color	12"
Capacitor Requirements	300V	Wire Type	Stranded
Capacitor Temperature Rating	105°C	Remote Wiring Configuration Allowed	Yes
Capacitor Diameter/Oval Dimensions	1.65 in	Max Ballast-Lamp Distance Remote	Determined by AWG used
Capacitor Height	3.7 in	Wiring	
Automatic Restart	No	Recommended Fuse Value	11/6/5/5 A
Operating and Electrical		Approval and Application	
Input Voltage	120/208/240/277 V	Open Circuit Voltage Test (Volts)	460-565 V
Input Frequency	60 Hz	Approbation Marks	ULR CSA certificate RoHS Compliant
Inp. Current (Open Circuit)	4.1/2.3/2/1.75 A	Temperature Marking	A/A/A/A
Input Current (Starting)	1.15/0.65/0.6/0.52 A	UL Recognized	Yes
Input Current (Short Circuit)	0.32-0.48/0.17-0.26/0.16-0.24/0.13-0.2 A	Hipot Test (1 Minute)	2000 V
Secondary Short Circuit Current	0.9-1.1 A	Hipot Test (2 Seconds)	2500 V

Core & Coil (71A) LPS

UL Insulation Class	H(180°C)
UL Temperature Code	1029A
Product Data	
Order product name	CORE & COIL HID LPS BAL 90W L72 QUAD C&C
EAN/UPC - Product	781087120019
Order code	71A0590500D

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700502061
Net Weight (Piece)	4.623 kg

Dimensional drawing



LPS BAL 90W L72 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID LPS BAL 90W L72 QUAD C&C	3.25 in	2.25 in	4.8 in	4.4 in	4.3 in	3.9 in

