



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
Lamp Type	180W LPS
Number of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	71A0790
Core Size	4 1/4 x 5 3/4 (2 coil)
Suitable For Outdoor Use	Yes
Capacitor Value	16 MFD
Capacitor Catalog Number	7C160P40
Capacitor Requirements	330V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval	1.75 in
Dimensions	
Capacitor Height	3.75 in
Automatic Restart	No

Input Current (Short Circuit)	0.72-1.08/0.35-0.53/0.36-0.55/0.3-0.45 A
Secondary Short Circuit Current	0.92-1.12 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	695 V
Input Current (Operating) (Nom)	1.8/1/0.89/0.75 A A
Input Power (Nom)	208 W
Rated Lamp Watts	180 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration	Yes
Allowed	
Max Ballast-Lamp Distance	Determined by AWG used
Remote Wiring	
Recommended Fuse Value	15/7/7/6 A
Approval and Application	
Open Circuit Voltage Test (Volts)	625-765 V

ULR CSA certificate RoHS Compliant

Approbation Marks

Operating and Electrical

Input Voltage	120/208/240/277 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	5.28/2.82/2.65/2.25 A
Input Current (Starting)	2.15/1.2/1.06/0.92 A

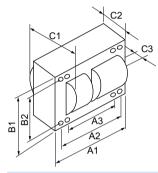
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Temperature Marking	Α/Α/Α				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029A				
Product Data					
Order product name	CORE & COIL HID LPS BAL 135/180W L73/74 QUAD				

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

C&C

Dimensional drawing



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

Product	C1	C2	A1	A2	A3	B1	B2	С3
CORE & COIL HID	4 in	2.35 in	5.8 in	5.4 in	4.4 in	4.3 in	3.9 in	1.3 in
71A0790500D								



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www.lighting.philips.com 2019, February 12 - data subject to change