



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					
Lamp Type	180W LPS					
Number of Lamps	1 piece/unit					
Circuit Type	HX-HPF					
Ballast Type	Magnetic HID					
Base Model	71A07F0					
Core Size	4 1/4 x 5 3/4 (2 coil)					
Suitable For Outdoor Use	Yes					
Capacitor Value	16 MFD					
Capacitor Catalog Number	7C160P40 330V					
Capacitor Requirements						
Capacitor Temperature Rating	105°C					
Capacitor Diameter/Oval Dimensions	1.75 in					
Capacitor Height	3.75 in					
Automatic Restart	No					

Operating and Electrical	
Operating and Electrical	
Input Voltage	347/480 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	1.82/1.33 A
Input Current (Starting)	0.76/0.54 A
Input Current (Short Circuit)	0.26-0.4/0.19-0.29 A
Input Current (Short Circuit)	0.26-0.4/0.19-0.29 A

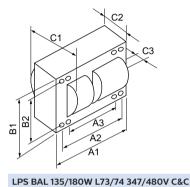
Secondary Short Circuit Current	0.96-1.17 A					
Constant Wattage Deviation	10%					
Ballast Factor (Nom)	1					
Power Factor (Nom)	0.90					
Nominal Open Circuit Voltage	690 V					
Input Current (Operating) (Nom)	0.62/0.45 A A					
Input Power (Nom)	213 W					
Rated Lamp Watts	180 W					
Wiring						
Wire Striplength	0.5 mm					
Wire Length by Color	12"					
Wire Type	Stranded					
Remote Wiring Configuration Allowed	Yes					
Max Ballast-Lamp Distance Remote Wirin	g Determined by AWG used					
Recommended Fuse Value	5/4 A					
Approval and Application						
Open Circuit Voltage Test (Volts)	620-755 V					
Approbation Marks	ULR CSA certificate RoHS Compliant					
Temperature Marking	A/A					
UL Recognized	Yes					
Hipot Test (1 Minute)	2000 V					

Core & Coil (71A) LPS

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	4 in	2.35 in	5.8 in	5.4 in	4.4 in	4.3 in	3.9 in	1.3 in
135/180W L73/74 347/480V								
C&C								



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