



Core & Coil (71A) HPS ~LT~ 200W

CORE & COIL HID HPS BAL 50W S68 120/277V 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	S68			
Lamp Type	50W HPS			
Number of Lamps	1 piece/unit			
Circuit Type	HX-HPF			
Ballast Type	Magnetic HID			
Base Model	71A7801			
Core Size	3 X 4 (2 coil)			
Suitable For Outdoor Use	Yes			
Ignitor Catalog Number	LI551-H4			
Ignitor Temperature Rating	105°C			
Capacitor Value	5 MFD			
Capacitor Catalog Number	7C050L30RA			
Capacitor Requirements	280V			
Capacitor Temperature Rating	105°C			
Capacitor Diameter/Oval Dimensions	1.25 in			
Capacitor Height	2.25 in			
Automatic Restart	No			

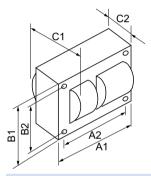
Operating and Electrical				
Input Voltage	120/277 V			
Input Frequency	60 Hz			
Inp. Current (Open Circuit)	1/0.45 A			
Input Current (Starting)	0.65/0.3 A			
Input Current (Short Circuit)	0.6-0.8/0.25-0.35 A			
Secondary Short Circuit Current	1.3-1.9 A			
Constant Wattage Deviation	Within Trapezoid			
Ballast Factor (Nom)	1			
Power Factor (Nom)	0.90			
Nominal Open Circuit Voltage	125 V			
Input Current (Operating) (Nom)	0.61/0.26 A A			
Input Power (Nom)	66 W			
Rated Lamp Watts	50 W			
Wiring				
Wire Striplength	0.5 mm			
Wire Length by Color	12"			
Wire Type	Stranded			
Remote Wiring Configuration Allowed	Yes			

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Max Ballast-Lamp Distance Remote Wiring 2'					
Recommended Fuse Value	3/1 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	115-135 V				
Approbation Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	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 HPS BAL 50W S68		
	120/277V C&C		
EAN/UPC - Product	781087780152		
Order code	71A7801500D		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	6		
Material Nr. (12NC)	913700575409		
Net Weight (Piece)	1.742 kg		

Dimensional drawing



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Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A7801500D	2.2 in	1 in	3.9 in	3.5 in	2.8 in	2.4 in



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