



# 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				

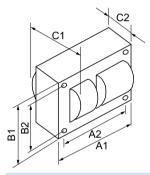
Operating and Electrical				
Input Voltage	120/277 V			
Input Frequency	60 Hz			
Input Current (Open Circuit)	1/0.45 A			
Input Current (Starting)	0.65/0.3 A			
Input Current (Short Circuit)	0.6-0.8/0.25-0.35 A			
Secondary Short Circuit Current	1.3-1.9 A			
Constant Wattage Deviation	Within Trapezoid			
Ballast Factor (Nom)	1			
Power Factor (Nom)	0.90			
Open Circuit Voltage	125 V			
Input Current (Nom)	0.61/0.26 A A			
Input Power (Nom)	66 W			
Rated Lamp Power	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				
Approval 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	913700575409
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	913700575409
Net Weight (Piece)	1.742 kg

#### Dimensional drawing



HPS BAL 50W S68 120/277V C&C

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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