



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

## CORE & COIL HID HPS BAL 50W S68 120V 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	R-HPF
Ballast Type	Magnetic HID
Base Model	71A7807
Core Size	2 5/8 x 2 3/16
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-H4
Ignitor Temperature Rating	105°C
Capacitor Value	20 MFD
Capacitor Catalog Number	7C200M12RA
Capacitor Requirements	120V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.25 in
Capacitor Height	2.75 in
Automatic Restart	No
Operating and Electrical	
Input Voltage	120 V

Input Frequency	60 Hz
Input Current (Open Circuit)	0.9 A
Input Current (Starting)	0.95 A
Input Current (Short Circuit)	1.45-2.2 A
Secondary Short Circuit Current	1.45-2.2 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	120 V
Input Current (Nom)	0.55 A A
Input Power (Nom)	62 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
Max Ballast-Lamp Distance Remote Wiring 2'	
Recommended Fuse Value	3 A

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### Approval and Application

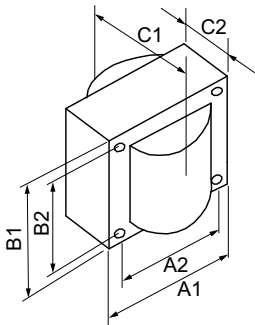
Open Circuit Voltage Test (Volts)	114-126 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029A

### Product Data

Order product name	CORE & COIL HID HPS BAL 50W S68 120V C&C
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EAN/UPC - Product	781087780756
Order code	515411
Local order code	515411
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	8
Material Nr. (12NC)	913700575609
Net Weight (Piece)	749.000 g

### Dimensional drawing



HPS BAL 50W S68 120V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A7807500D	2.3 in	0.95 in	2.6 in	2.2 in	2.2 in	1.8 in

