



# 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	Input Current (Starting)	1.8 A
Lamp Type	50W HPS	Input Current (Short Circuit)	1.45–2.2 A
Number of Lamps	1 piece/unit	Secondary Short Circuit Current	1.45–2.2 A
Circuit Type	R-NPF	Constant Wattage Deviation	Within Trapezoid
Ballast Type	Magnetic HID	Ballast Factor (Nom)	1
Base Model	71A7807B_NPF	Power Factor (Nom)	0.45
Core Size	2 5/8 x 2 3/16	Open Circuit Voltage	120 V
Suitable For Outdoor Use	Yes	Input Current (Nom)	1.18 A A
Ignitor Catalog Number	INTEGRAL	Input Power (Nom)	62 W
Ignitor Temperature Rating	125°C	Rated Lamp Power	50 W
Capacitor Value	NA	Wiring	
Capacitor Catalog Number	NA	Wire Striplength	0.5 mm
Capacitor Requirements	NA	Wire Length by Color	12"
Capacitor Temperature Rating	NA	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
Operating and Electrical		Max Ballast-Lamp Distance Remote Wiring	2'
Input Voltage	120 V	Recommended Fuse Value	5 A
Input Frequency	60 Hz	Approval and Application	
Input Current (Open Circuit)	0 A	Open Circuit Voltage Test (Volts)	114–126 V

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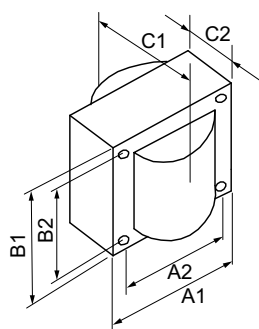
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029A

### Product Data

Order product name	CORE & COIL HID HPS BAL 50W S68 120V C&C
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EAN/UPC - Product	781087023884
Order code	913700504471
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	16
Material Nr. (12NC)	913700504471
Net Weight (Piece)	0.667 kg

### Dimensional drawing



HPS BAL 50W S68 120V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A7807610B	2.70 in	0.95 in	2.6 in	2.2 in	2.2 in	1.8 in

