



# Core & Coil (71A) HPS ~GT~ 400W

## CORE & COIL HID HPS BAL 1000W S52 5-TAP 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		Operating and Electrical	
ANSI Code	S52	Input Voltage	120/208/240/277/480 V
Lamp Type	1000W HPS	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Input Current (Open Circuit)	3.9/2.19/2.01/1.71/0.96 A
Circuit Type	CWA	Input Current (Starting)	7.8/4.38/3.82/3.3/1.9 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	5.83-8.74/3.36-5.05/2.92-4.38/2.53-3.8/1.46-2.19 A
Base Model	71A8753	Secondary Short Circuit Current	6.24-7.63 A
Core Size	4 1/4 x 6	Constant Wattage Deviation	Within Trapezoid
Suitable For Outdoor Use	Yes	Ballast Factor (Nom)	1
Ignitor Catalog Number	LI571-H5	Power Factor (Nom)	0.90
Ignitor Temperature Rating	105°C	Open Circuit Voltage	437 V
Capacitor Value	26 MFD	Input Current (Nom)	9.28/5.32/4.68/4.03/2.31 A A
Capacitor Catalog Number	RW1626020	Input Power (Nom)	1100 W
Capacitor Requirements	525V	Rated Lamp Power	1000 W
Capacitor Temperature Rating	90°C	Wiring	
Capacitor Diameter/Oval	1.75 in	Wire Striplength	0.5 mm
Dimensions		Wire Length by Color	12"
Capacitor Height	4.25 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration	Yes
		Allowed	

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Max Ballast-Lamp Distance	15'
Remote Wiring	
Recommended Fuse Value	25/15/12/10/6 A

### Approval and Application

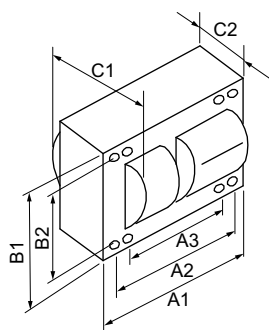
Open Circuit Voltage Test (Volts)	390-476 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/C/C/C/C
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029C
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### Product Data

Order product name	CORE & COIL HID HPS BAL 1000W S52 5-TAP C&C
EAN/UPC - Product	781087120101
Order code	913710446802
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710446802
Net Weight (Piece)	12.914 kg

### Dimensional drawing



HPS BAL 1000W S52 5-TAP C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A8753600	6 in	3.97 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

