

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

## CORE & COIL HID HPS BAL 1000W S52 QUAD 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

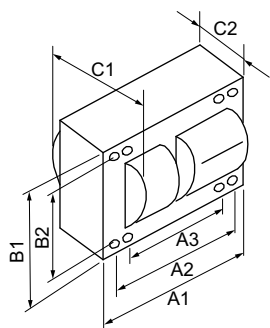
General Information			
ANSI Code	S52	Input Frequency	60 Hz
Lamp Type	1000W HPS	Input Current (Open Circuit)	4.8/2.7/2.4/2.2 A
Number of Lamps	1 piece/unit	Input Current (Starting)	6.4/3.8/3.2/2.8 A
Circuit Type	CWA	Input Current (Short Circuit)	5.2-7.8/3-4.5/2.6-3.8/2.25-3.4 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	6.4-7.8 A
Base Model	71A8793	Constant Wattage Deviation	Within Trapezoid
Core Size	4 1/4 x 6	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	LI571-H5	Open Circuit Voltage	441 V
Ignitor Temperature Rating	105°C	Input Current (Nom)	9.5/5.5/4.75/4.15 A A
Capacitor Value	26 MFD	Input Power (Nom)	1100 W
Capacitor Catalog Number	RW1626020	Rated Lamp Power	1000 W
Capacitor Requirements	525V	Wiring	
Capacitor Temperature Rating	90°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.75 in	Wire Length by Color	12"
Capacitor Height	4.25 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
Operating and Electrical		Max Ballast-Lamp Distance Remote	15'
Input Voltage	120/208/240/277 V	Wiring	

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Recommended Fuse Value	25/15/10/10 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	395-485 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/B/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

<b>Product Data</b>	
Order product name	CORE & COIL HID HPS BAL 1000W S52 QUAD C&C
EAN/UPC - Product	781087038031
Order code	913710477102
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710477102
Net Weight (Piece)	13.459 kg

### Dimensional drawing



HPS BAL 1000W S52 QUAD C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A8793510	5.75 in	3.75 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

