



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

## CORE & COIL HID HPS BAL 1000W S52 480V KIT

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
Lamp Type	1000W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A8743
Core Size	4 1/4 x 6
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI571-H5
Ignitor Temperature Rating	105°C
Capacitor Value	26 MFD
Capacitor Catalog Number	RW1626020
Capacitor Requirements	525V
Capacitor Temperature Rating	90°C
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	4.25 in
Automatic Restart	No
Operating and Electrical	
Input Voltage	480 V

Input Frequency	60 Hz	
Input Current (Open Circuit)	0.9 A	
Input Current (Starting)	1.6 A	
Input Current (Short Circuit)	1.75-2.65 A	
Secondary Short Circuit Current	6.4-7.8 A	
Constant Wattage Deviation	Within Trapezoid	
Ballast Factor (Nom)	1	
Power Factor (Nom)	0.90	
Open Circuit Voltage	435 V	
Input Current (Nom)	2.3 A A	
Input Power (Nom)	1100 W	
Rated Lamp Power	1000 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 15'		
Recommended Fuse Value	6 A	

Datasheet, 2019, March 22 data subject to change

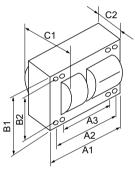
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Approval and Application	
Open Circuit Voltage Test (Volts)	395-485 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	С
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029C
Product Data	
Order product name	CORE & COIL HID HPS BAL 1000W S52
	480V KIT

EAN/UPC - Product	781087874318
Order code	193540
Local order code	193540
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700540109
Net Weight (Piece)	13.776 kg

CORE & COIL HID HPS BAL 1000W 5.90 in 3.90 in 6 in 5.4 in 4.4 in 4.3 in 3.9 in

### Dimensional drawing



HPS BAL 1000W S52 480V KIT

Product

S52 480V KIT



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