



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

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

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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					

480V C&C

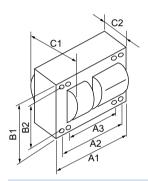
CORE & COIL HID HPS BAL 1000W S52

EAN/UPC - Product	781087874356				
Order code	190058				
Local order code	190058				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	2				
Material Nr. (12NC)	913700566109				
Net Weight (Piece)	13.313 kg				

#### **Product Data**

Order product name

### **Dimensional drawing**



HPS BAL 1000W S52 480V C&C

Product	C1	C2	A1	A2	A3	B1	B2
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
S52 480V C&C							



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