



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

**CORE & COIL HID HPS BAL 1000W S52  
120/277/347V 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	71A87A3
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

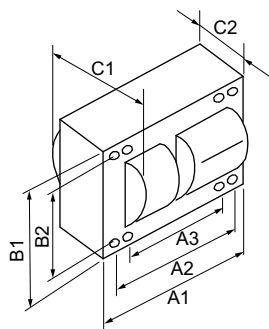
Operating and Electrical	
Input Voltage	120/277/347 V
Input Frequency	60 Hz
Input Current (Open Circuit)	3.7/1.4/1.1 A
Input Current (Starting)	6.4/2.8/2.2 A
Input Current (Short Circuit)	6.9-10.4/3-4.6/2.5-3.7 A
Secondary Short Circuit Current	6.4-7.8 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	435 V
Input Current (Nom)	9.5/4.2/3.3 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

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Max Ballast-Lamp Distance Remote Wiring 15'	
Recommended Fuse Value	25/15/10 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	395-485 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/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 120/277/347V C&C
EAN/UPC - Product	781087037492
Order code	180687
Local order code	180687
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913700506151
Net Weight (Piece)	13.304 kg

### Dimensional drawing



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Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A87A3500	5.90 in	3.90 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

