



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

## CORE & COIL HID 71A8753001

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		Input Frequency	
ANSI Code	S52	Input Frequency	60 Hz
Lamp Type	1000W HPS	Input Current (Open Circuit)	3.9/2.19/2.01/1.71/0.96 A
Number of Lamps	1 piece/unit	Input Current (Starting)	7.8/4.38/3.82/3.3/1.9 A
Circuit Type	CWA	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
Ballast Type	Magnetic HID	Secondary Short Circuit Current	6.24-7.63 A
Base Model	71A8753	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	437 V
Ignitor Temperature Rating	105°C	Input Current (Nom)	9.28/5.32/4.68/4.03/2.31 A A
Capacitor Value	26 MFD	Input Power (Nom)	1100 W
Capacitor Catalog Number	RW1626020	Rated Lamp Power	1000 W
Capacitor Requirements	525V	<b>Wiring</b>	
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
<b>Operating and Electrical</b>		Max Ballast-Lamp Distance Remote Wiring	15'
Input Voltage	120/208/240/277/480 V	Recommended Fuse Value	25/15/12/10/6 A

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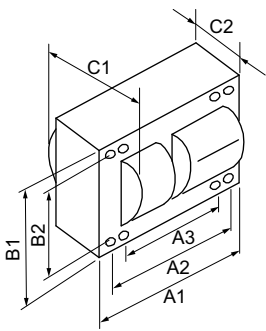
### Approval and Application

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

### Product Data

Order product name	CORE & COIL HID 71A8753001
EAN/UPC - Product	781087111826
Order code	913710405501
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913710405501
Net Weight (Piece)	13.903 kg

### Dimensional drawing



HPS BAL 1000W S52 5-TAP KIT

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A8753001	6 in	3.97 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in





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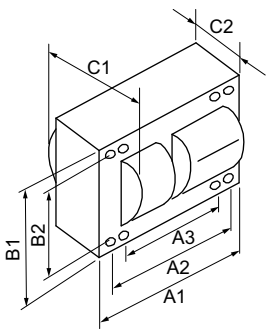
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