



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

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

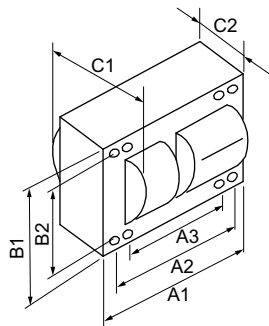
General Information			
ANSI Code	S52	Input current (short circuit)	1.75-2.65 A
Lamp type	1000W HPS	Secondary short-circuit current	6.4-7.8 A
Number of lamps	1 piece/unit	Constant wattage deviation	Within Trapezoid
Circuit type	CWA	Ballast factor (nom.)	1
Ballast type	Magnetic HID	Power factor (nom.)	0.90
Base model	71A8743	Open circuit voltage	435 V
Core size	4 1/4 x 6	Input current (nom.)	2.3 A A
Suitable for outdoor use	Yes	Input power (nom.)	1100 W
Ignitor catalogue number	LI571-H5	Rated lamp power	1000 W
Ignitor temperature rating	105°C	Wiring	
Capacitor value	26 MFD	Wire strip length	0.5 mm
Capacitor catalogue number	RW1626020	Wire length by colour	12"
Capacitor requirements	525V	Wire type	Stranded
Capacitor temperature rating	90°C	Remote wiring configuration allowed	Yes
Capacitor diameter/oval dimensions	1.75 in	Max. ballast-lamp distance remote wiring	15'
Capacitor height	4.25 in	Recommended fuse value	6 A
Automatic restart	No	Approval and Application	
Operating and Electrical		Open circuit voltage test (volts)	395-485 V
Input voltage	480 V	Approval marks	ULR CSA certificate RoHS Compliant
Input frequency	60 Hz	Temperature marking	C
Input current (open circuit)	0.9 A	UL recognised	Yes
Input current (starting)	1.6 A	Hipot test (1 minute)	2000 V

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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 480V KIT

EAN/UPC – product	781087874318
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	913700540109
Net weight (piece)	13.776 kg

### Dimensional drawing



HPS BAL 1000W S52 480V KIT

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID HPS BAL 1000W S52 480V KIT	5.90 in	3.90 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

