



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

CORE & COIL HID HPS BAL 1000W S52 QUAD 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	71A8793				
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℃				
Capacitor Diameter/Oval Dimensions	1.75 in				
Capacitor Height	4.25 in				
Automatic Restart	No				
Operating and Electrical					
Input Voltage	120/208/240/277 V				

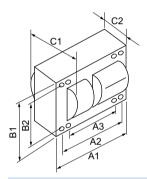
Input Frequency	60 Hz				
Inp. Current (Open Circuit)	4.8/2.7/2.4/2.2 A				
Input Current (Starting)	6.4/3.8/3.2/2.8 A				
Input Current (Short Circuit)	5.2-7.8/3-4.5/2.6-3.8/2.25-3.4 A				
Secondary Short Circuit Current	6.4-7.8 A				
Constant Wattage Deviation	Within Trapezoid				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Nominal Open Circuit Voltage	441 V				
Input Current (Operating) (Nom)	9.5/5.5/4.75/4.15 A A				
Input Power (Nom)	1100 W				
Rated Lamp Watts	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	15'				
Wiring					

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Recommended Fuse Value	25/15/10/10 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	395-485 V				
Approbation Marks	ULR CSA certificate NOM certificate RoHS				
	Compliant				
Temperature Marking	C/B/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 HPS BAL 1000W S52 QUAL				
	C&C				
EAN/UPC - Product	781087049860				
Order code	71A8793500ML				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	1				
Material Nr. (12NC)	913710556110				
Net Weight (Piece)	14.048 kg				

Dimensional drawing



HPS BAL 1000W S52 QUAD C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A8793500ML	5.75 in	3.75 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in



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www.lighting.philips.com 2019, February 12 - data subject to change