



# Core & Coil (71A) HPS ~LT~ 200W

## CORE & COIL HID HPS BAL 100W S54 230V 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	S54
Lamp Type	100W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A80J3
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-J4
Ignitor Temperature Rating	105°C
Capacitor Value	34 MFD
Capacitor Catalog Number	7C340P24RA
Capacitor Requirements	170V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.65 in
Capacitor Height	3.7 in
Automatic Restart	No
Operating and Electrical	
Input Voltage	230 V

Input Frequency	60 Hz	
Inp. Current (Open Circuit)	0.32 A	
Input Current (Starting)	0.42 A	
Input Current (Short Circuit)	0.29-0.43 A	
Secondary Short Circuit Current	2.65-3.2 A	
Constant Wattage Deviation	Within Trapezoid	
Ballast Factor (Nom)	1	
Power Factor (Nom)	0.90	
Nominal Open Circuit Voltage	118 V	
Input Current (Operating) (Nom)	0.61 A A	
Input Power (Nom)	136 W	
Rated Lamp Watts	100 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 5'		
Recommended Fuse Value	2 A	

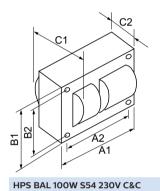
Datasheet, 2019, March 22 data subject to change

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Approval and Application	
Open Circuit Voltage Test (Volts)	106-130 V
Approbation Marks	ULR RoHS Compliant SASO Certificate
Temperature Marking	E
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029E
Product Data	
Order product name	CORE & COIL HID HPS BAL 100W S54 230V
	C&C

EAN/UPC - Product	781087129524
Order code	71A80J3500D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913701150602
Net Weight (Piece)	2.799 kg

## Dimensional drawing



 Product
 C1
 C2
 A1
 A2
 B1
 B2

 CORE & COIL HID HPS BAL 100W S54 230W
 3.3 in
 2 in
 3.9 in
 3.5 in
 2.8 in
 2.4 in

 C&C



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