



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

## CORE & COIL HID HPS BAL 100W S54 120V KIT

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	R-HPF
Ballast Type	Magnetic HID
Base Model	71A8007B
Core Size	2 5/8 x 2 3/16
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	INTEGRAL
Ignitor Temperature Rating	105°C
Capacitor Value	36 MFD
Capacitor Catalog Number	7C360M12RA
Capacitor Requirements	120V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.65 in
Capacitor Height	2.75 in
Automatic Restart	No
Operating and Electrical	
Input Voltage	120 V

Input Frequency	60 Hz
Input Current (Open Circuit)	1.8 A
Input Current (Starting)	1.5 A
Input Current (Short Circuit)	1.0-1.6 A
Secondary Short Circuit Current	2.4-3.6 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	120 V
Input Current (Nom)	1.05 A A
Input Power (Nom)	115 W
Rated Lamp Power	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 2'	
Recommended Fuse Value	5 A

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### Approval and Application

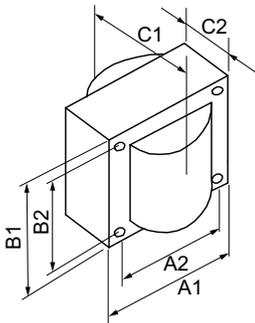
Open Circuit Voltage Test (Volts)	114-126 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029A

### Product Data

Order product name	CORE & COIL HID HPS BAL 100W S54 120V KIT
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EAN/UPC - Product	781087026304
Order code	913700501651
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700501651
Net Weight (Piece)	1.597 kg

### Dimensional drawing



HPS BAL 100W S54 120V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 100W S54 120V KIT	3 in	1.5 in	2.6 in	2.2 in	2.2 in	1.8 in

