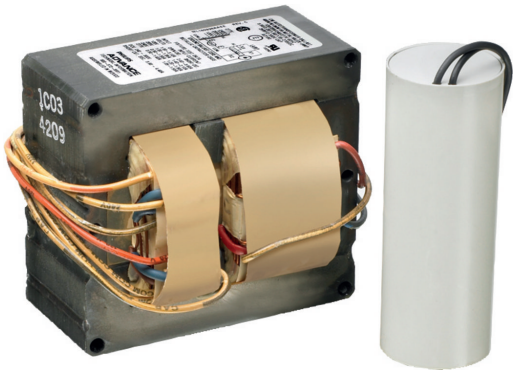
PHILIPS

Lighting



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

CORE & COIL HID HPS BAL 100W S54 120V 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	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

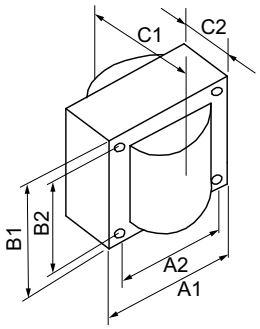
Core & Coil (71A) HPS ~LT~ 200W

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 C&C

EAN/UPC - Product	781087800744
Order code	193359
Local order code	193359
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	16
Material Nr. (12NC)	913700538209
Net Weight (Piece)	1.203 kg

Dimensional drawing



HPS BAL 100W S54 120V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8007500DB	3 in	1.5 in	2.6 in	2.2 in	2.2 in	1.8 in

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