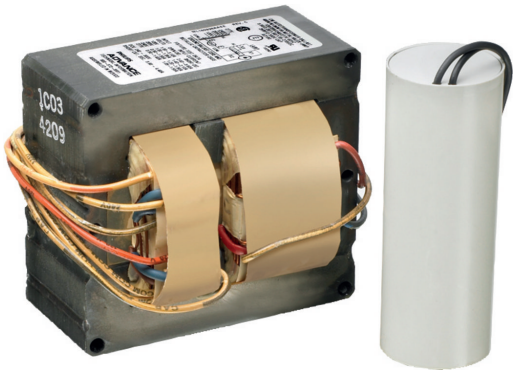
PHILIPS

Lighting



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

CORE & COIL HID HPS BAL 100W S54 120/220/240/277V 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	HX-HPF
Ballast Type	Magnetic HID
Base Model	71A9935
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-H4
Ignitor Temperature Rating	105°C
Capacitor Value	10 MFD
Capacitor Catalog Number	7C100M30RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval	1.65 in
Dimensions	
Capacitor Height	2.75 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/220/240/277 V
Input Frequency	60 Hz
Input Current (Open Circuit)	2.2/1.1/1.1/0.85 A
Input Current (Starting)	1.3/0.75/0.65/0.6 A
Input Current (Short Circuit)	0.7-1.2/0.45-0.65/0.35-0.6/0.3-0.55 A
Secondary Short Circuit Current	2.6-3.2 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	120 V
Input Current (Nom)	1.15/0.63/0.58/0.5 A A
Input Power (Nom)	130 W
Rated Lamp Power	100 W

Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded

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

Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	2'
Recommended Fuse Value	7/5/3/3 A

Approval and Application

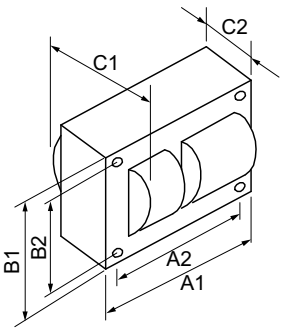
Open Circuit Voltage Test (Volts)	110-130 V
Approval Marks	NOM certificate RoHS Compliant
Temperature Marking	D/F/D/D
UL Recognized	No
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029F

Product Data

Order product name	CORE & COIL HID HPS BAL 100W S54 120/220/240/277V C&C
EAN/UPC - Product	781087027004
Order code	913710562002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710562002
Net Weight (Piece)	2.981 kg

Dimensional drawing



HPS BAL 100W S54 120/220/240/277V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 100W S54 120/220/240/277V C&C	3.6 in	2 in	3.9 in	3.5 in	2.8 in	2.4 in

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