



# 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		Operating and Electrical	
ANSI Code	S54	Input Voltage	120/220/240/277 V
Lamp Type	100W HPS	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Inp. Current (Open Circuit)	2.2/1.1/1.1/0.85 A
Circuit Type	HX-HPF	Input Current (Starting)	1.3/0.75/0.65/0.6 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	0.7-1.2/0.45-0.65/0.35-0.6/0.3-0.55 A
Base Model	71A9935	Secondary Short Circuit Current	2.6-3.2 A
Core Size	3 X 4 (2 coil)	Constant Wattage Deviation	Within Trapezoid
Suitable For Outdoor Use	Yes	Ballast Factor (Nom)	1
Ignitor Catalog Number	LI551-H4	Power Factor (Nom)	0.90
Ignitor Temperature Rating	105°C	Nominal Open Circuit Voltage	120 V
Capacitor Value	10 MFD	Input Current (Operating) (Nom)	1.15/0.63/0.58/0.5 A A
Capacitor Catalog Number	7C100M30RA	Input Power (Nom)	130 W
Capacitor Requirements	280V	Rated Lamp Watts	100 W
Capacitor Temperature Rating	105°C	Wiring	
Capacitor Diameter/Oval	1.65 in	Wire Striplength	0.5 mm
Dimensions		Wire Length by Color	12"
Capacitor Height	2.75 in	Wire Type	Stranded
Automatic Restart	No		

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

### Approval and Application

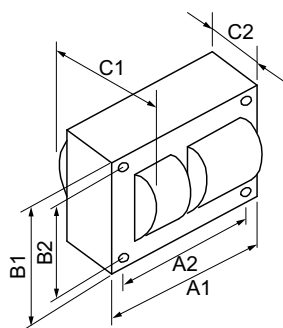
Open Circuit Voltage Test (Volts)	110-130 V
Approbation Marks	NOM certificate RoHS Compliant
Temperature Marking	D/F/D/D
UL Recognized	No
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029F
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### Product Data

Order product name	CORE & COIL HID HPS BAL 100W S54 120/220/240/277V C&C
EAN/UPC - Product	781087027004
Order code	71A9935500DML
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710562002
Net Weight (Piece)	2.981 kg

### Dimensional drawing



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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

