



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

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 catalogue number	LI551-J4
Ignitor temperature rating	105°C
Capacitor value	34 MFD
Capacitor catalogue 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
Input 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
Open circuit voltage	118 V
Input current (nom.)	0.61 A A
Input power (nom.)	136 W
Rated lamp power	100 W

Wiring	
Wire strip length	0.5 mm
Wire length by colour	12"
Wire type	Stranded
Remote wiring configuration allowed	Yes
Max. ballast-lamp distance remote wiring	5'
Recommended fuse value	2 A

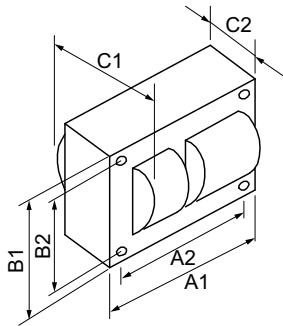
Approval and Application	
Open circuit voltage test (volts)	106-130 V
Approval marks	ULR RoHS Compliant SASO Certificate
Temperature marking	E
UL recognised	Yes
Hipot test (1 minute)	2000 V

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

Hipot test (2 seconds)	2500 V
UL insulation class	H(180°C)
UL temperature code	1029E
<b>Product Data</b>	
Order product name	CORE & COIL HID HPS BAL 100W S54 230V C&C

EAN/UPC – product	781087129524
Numerator – quantity per pack	1
Numerator – packs per outer box	4
Material no. (12NC)	913701150602
Net weight (piece)	2.799 kg

### Dimensional drawing



HPS BAL 100W S54 230V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 100W S54 230V C&C	3.3 in	2 in	3.9 in	3.5 in	2.8 in	2.4 in

