



# 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	S62
Lamp type	70W HPS
Number of lamps	1 piece/unit
Circuit type	CWA
Ballast type	Magnetic HID
Base model	71A79J3
Core size	3 X 4 (2 coil)
Suitable for outdoor use	Yes
Ignitor catalogue number	LI551-H4
Ignitor temperature rating	105°C
Capacitor value	28 MFD
Capacitor catalogue number	7C280P30RA
Capacitor requirements	170V
Capacitor temperature rating	105°C
Capacitor diameter/oval dimensions	1.85 in
Capacitor height	3.7 in
Automatic restart	No

Operating and Electrical	
Input voltage	230 V
Input frequency	60 Hz
Input current (open circuit)	0.13 A
Input current (starting)	0.45 A

Input current (short circuit)	0.36/0.54 A
Secondary short-circuit current	1.85-2.55 A
Constant wattage deviation	Within Trapezoid
Ballast factor (nom.)	1
Power factor (nom.)	0.90
Open circuit voltage	110 V
Input current (nom.)	0.45 A A
Input power (nom.)	98 W
Rated lamp power	70 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	2'
Recommended fuse value	2 A

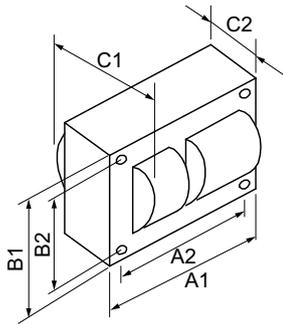
Approval and Application	
Open circuit voltage test (volts)	100-120 V
Approval marks	ULR RoHS Compliant SASO Certificate
Temperature marking	C
UL recognised	Yes
Hipot test (1 minute)	2000 V

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Hipot test (2 seconds)	2500 V
UL insulation class	H(180°C)
UL temperature code	1029C
<b>Product Data</b>	
Order product name	CORE & COIL HID HPS BAL 70W S62 230V C&C

EAN/UPC – product	781087130315
Numerator – quantity per pack	1
Numerator – packs per outer box	4
Material no. (12NC)	913701151102
Net weight (piece)	2.482 kg

### Dimensional drawing



HPS BAL 70W S62 230V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 70W S62 230V C&C	3 in	1.6 in	3.9 in	3.5 in	2.8 in	2.4 in

