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	S55
Lamp type	150W HPS
Number of lamps	1 piece/unit
Circuit type	CWA
Ballast type	Magnetic HID
Base model	71A81J3
Core size	3 X 4 (2 coil)
Suitable for outdoor use	Yes
Ignitor catalogue number	LI551-J4
Ignitor temperature rating	105°C
Capacitor value	55 MFD
Capacitor catalogue number	7C550P24RA
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)	0.5 A
Input current (starting)	0.55 A
Input current (short circuit)	0.35-0.52 A
Secondary short-circuit current	3.9-4.8 A
Constant wattage deviation	Within Trapezoid
Ballast factor (nom.)	1
Power factor (nom.)	0.90
Open circuit voltage	110 V
Input current (nom.)	0.84 A A
Input power (nom.)	183 W
Rated lamp power	150 W

Wiring

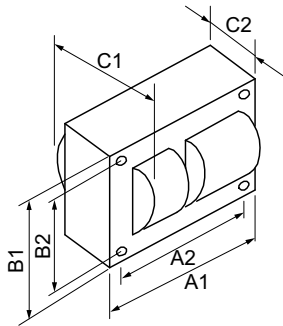|	
Wire strip length	0.5 mm
Wire length by colour	12"
Wire type	Stranded
Remote wiring configuration allowed	Yes
Max. ballast-lamp distance remote wiring	10'
Recommended fuse value	2 A

Approval and Application

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

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Hipot test (2 seconds)	2500 V	EAN/UPC – product	781087129531
UL insulation class	H(180°C)	Numerator – quantity per pack	1
UL temperature code	1029E	Numerator – packs per outer box	4
		Material no. (12NC)	913701150702
Product Data		Net weight (piece)	4.246 kg
Order product name	CORE & COIL HID HPS BAL 150W S55 230V C&C		

Dimensional drawing

HPS BAL 150W S55 230V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 150W S55 230V C&C	4.1 in	2.8 in	3.9 in	3.5 in	2.8 in	2.4 in