PHILIPS Lighting



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		Input curren
ANSI Code	S55	Secondary s
Lamp type	150W HPS	Constant wa
Number of lamps	1 piece/unit	Ballast facto
Circuit type	CWA	Power facto
Ballast type	Magnetic HID	Open circuit
Base model	71A81J3	Input curren
Core size	3 X 4 (2 coil)	Input power
Suitable for outdoor use	Yes	Rated lamp
Ignitor catalogue number	LI551-J4	
Ignitor temperature rating	105°C	Wiring
Capacitor value	55 MFD	Wire strip le
Capacitor catalogue number	7C550P24RA	Wire length
Capacitor requirements	170V	Wire type
Capacitor temperature rating	105°C	Remote wir
Capacitor diameter/oval dimensions	1.85 in	Max. ballast
Capacitor height	3.7 in	Recommend
Automatic restart	No	
		Approval
Operating and Electrical		Open circuit
Input voltage	230 V	Approval ma
Input frequency	60 Hz	Temperatur

0.5 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	

Input current (open circuit)

Input current (starting)

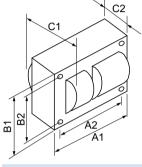
Core & Coil (71A) HPS ~LT~ 200W

Hipot test (2 seconds)	2500 V
UL insulation class	H(180°C)
UL temperature code	1029E
Product Data	
Order product name	CORE & COIL HID HPS BAL 150W S55 230V

C&C

EAN/UPC – product	781087129531
Numerator – quantity per pack	1
Numerator – packs per outer box	4
Material no. (12NC)	913701150702
Net weight (piece)	4.246 kg

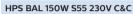
Dimensional drawing



 Product
 C1
 C2
 A1
 A2
 B1
 B2

 CORE & COIL HID HPS BAL 150W S55
 4.1 in
 2.8 in
 3.9 in
 3.5 in
 2.8 in
 2.4 in

 230V C&C
 24
 24
 24
 24
 24
 24
 24





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www.lighting.philips.com 2019, March 22 - data subject to change