**PHILIPS** Lighting



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

## CORE & COIL HID HPS BAL 150W S55 120/220/240V 50HZ 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					
ANSI Code	S55				
Lamp Type	150W HPS 1 piece/unit HX-HPF Magnetic HID 71A81N2				
Number of Lamps					
Circuit Type					
Ballast Type					
Base Model					
Core Size	3 X 4 (2 coil)				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI551-H4 105°C				
Ignitor Temperature Rating					
Capacitor Value	17.5 MFD				
Capacitor Catalog Number	7C175M30RA				
Capacitor Requirements	260V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval Dimensions	1.65 in				
Capacitor Height	3.7 in				
Automatic Restart	No				

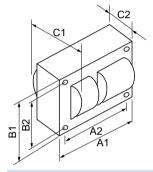
Operating and Electrical						
Input Voltage	120/220/240 V					
Input Frequency	50 Hz 3/1.7/1.55 A 1.5/0.85/0.75 A 0.35-0.54/0.18-0.29/0.16-0.25 A					
Input Current (Open Circuit)						
Input Current (Starting)						
Input Current (Short Circuit)						
Secondary Short Circuit Current	3.15-3.85 A					
Constant Wattage Deviation	Within Trapezoid					
Ballast Factor (Nom)	1					
Power Factor (Nom)	0.90					
Open Circuit Voltage	120 V					
Input Current (Nom)	1.6/0.9/0.8 A A					
Input Power (Nom)	188 W					
Rated Lamp Power	150 W					
Wiring						
Wire Striplength	0.5 mm					
Wire Length by Color	12"					
Wire Type	Stranded					
Remote Wiring Configuration Allowed	Yes					

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Max Ballast-Lamp Distance Remote	2'					
Wiring						
Recommended Fuse Value	8/5/4 A					
Approval and Application						
Open Circuit Voltage Test (Volts)	110-130 V					
Approval Marks	ULR CSA certificate RoHS Compliant					
Temperature Marking	C/B/B					
UL Recognized	Yes					
Hipot Test (1 Minute)	2000 V					
Hipot Test (2 Seconds)	2500 V					
UL Insulation Class	H(180°C)					
UL Temperature Code	1029C					

Product Data					
Order product name	CORE & COIL HID HPS BAL 150W S55				
	120/220/240V 50HZ C&C				
EAN/UPC - Product	781087028568				
Order code	913700500481				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	4				
Material Nr. (12NC)	913700500481				
Net Weight (Piece)	4.237 kg				

#### **Dimensional drawing**



HPS BAL 150W S55 120/220/240V 50HZ C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 150W S55	4.2 in	2.95 in	3.9 in	3.5 in	2.8 in	2.4 in
120/220/240V 50HZ C&C						



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