



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

#### CORE & COIL HID HPS BAL 100W S54 120V 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	S54				
Lamp Type	100W HPS				
Number of Lamps	1 piece/unit				
Circuit Type	R-HPF				
Ballast Type	Magnetic HID				
Base Model	71A8007				
Core Size	2 5/8 x 2 3/16				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI551-H4				
Ignitor Temperature Rating	105°C				
Capacitor Value	36 MFD				
Capacitor Catalog Number	7C360M12RA				
Capacitor Requirements	120V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval Dimensions	1.65 in				
Capacitor Height	2.75 in				
Automatic Restart	No				
Operating and Electrical					
Input Voltage	120 V				

Input Frequency	60 Hz			
Input Current (Open Circuit)	1.8 A			
Input Current (Starting)	1.5 A			
Input Current (Short Circuit)	1.0-1.6 A			
Secondary Short Circuit Current	2.4-3.6 A			
Constant Wattage Deviation	Within Trapezoid			
Ballast Factor (Nom)	1			
Power Factor (Nom)	0.90			
Open Circuit Voltage	120 V			
Input Current (Nom)	1.05 A A			
Input Power (Nom)	115 W			
Rated Lamp Power	100 W			
Wiring				
Wire Striplength	0.5 mm			
Wire Length by Color	12"			
Wire Type	Stranded			
Remote Wiring Configuration Allowed	Yes			
Max Ballast-Lamp Distance Remote Wiring 2'				
Recommended Fuse Value	5 A			

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Approval and Application	
Open Circuit Voltage Test (Volts)	114-126 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029A
Product Data	

C&C

CORE & COIL HID HPS BAL 100W S54 120V

EAN/UPC - Product	781087800751
Order code	913700526209
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913700526209
Net Weight (Piece)	1.275 kg

Order product name

## **Dimensional drawing**



HPS BAL 100W S54 120V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 100W S54	2.8 in	1.5 in	2.6 in	2.2 in	2.2 in	1.8 in
120V C&C						



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