

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

## CORE & COIL HID HPS BAL 100/150W S54/S55 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

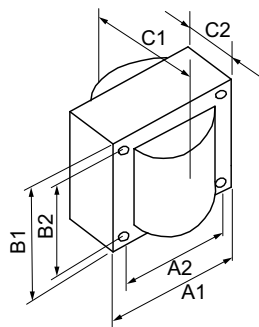
General Information		Operating and Electrical	
ANSI Code	S55	Input Voltage	120 V
Lamp Type	100W HPS	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Input Current (Open Circuit)	2.35 A
Circuit Type	R-HPF	Input Current (Starting)	2.45 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	1.9-2.9 A
Base Model	71A9928_150W	Secondary Short Circuit Current	2.45-3.05 A
Core Size	2 5/8 x 2 3/16	Constant Wattage Deviation	Within Trapezoid
Suitable For Outdoor Use	Yes	Ballast Factor (Nom)	1
Ignitor Catalog Number	LI551-H4	Power Factor (Nom)	0.90
Ignitor Temperature Rating	105°C	Open Circuit Voltage	120 V
Capacitor Value	52 MFD	Input Current (Nom)	1.5 A A
Capacitor Catalog Number	7C520P24RA	Input Power (Nom)	112 W
Capacitor Requirements	120V	Rated Lamp Power	100 W
Capacitor Temperature Rating	105°C		
Capacitor Diameter/Oval Dimensions	1.85 in	Wiring	
Capacitor Height	3.70 in	Wire Striplength	0.5 mm
Automatic Restart	No	Wire Length by Color	12"
		Wire Type	Stranded
		Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring 2'	
Recommended Fuse Value	6 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	112-126 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A
UL Recognized	Yes
Hipot Test (1 Minute)	1500 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029A

<b>Product Data</b>	
Order product name	CORE & COIL HID HPS BAL 100/150W S54/S55 120V C&C
EAN/UPC - Product	781087089941
Order code	913701116302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	8
Material Nr. (12NC)	913701116302
Net Weight (Piece)	1.702 kg

### Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A9928500D	3.45 in	2.05 in	2.6 in	2.2 in	2.2 in	1.8 in

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