



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

## CORE & COIL HID HPS BAL 150W 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		Input Frequency	
ANSI Code	S55	Input Frequency	60 Hz
Lamp Type	150W HPS	Inp. Current (Open Circuit)	2.35 A
Number of Lamps	1 piece/unit	Input Current (Starting)	2.25 A
Circuit Type	R-HPF	Input Current (Short Circuit)	1.65-2.75 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	3.65-5.55 A
Base Model	71A8107B	Constant Wattage Deviation	Within Trapezoid
Core Size	2 5/8 x 2 3/16	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	INTEGRAL	Nominal Open Circuit Voltage	120 V
Ignitor Temperature Rating	125°C	Input Current (Operating) (Nom)	1.5 A A
Capacitor Value	55 MFD	Input Power (Nom)	170 W
Capacitor Catalog Number	7C550P12RA	Rated Lamp Watts	150 W
Capacitor Requirements	120V	<b>Wiring</b>	
Capacitor Temperature Rating	105°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.75 in	Wire Length by Color	12"
Capacitor Height	3.75 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
<b>Operating and Electrical</b>		Max Ballast-Lamp Distance Remote Wiring 2'	
Input Voltage	120 V	Recommended Fuse Value	15 A

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### Approval and Application

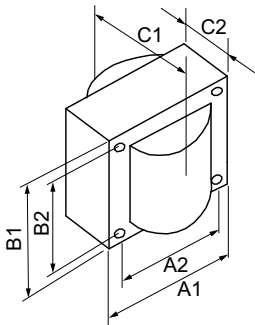
Open Circuit Voltage Test (Volts)	114-126 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029A

### Product Data

Order product name	CORE & COIL HID HPS BAL 150W S55 120V C&C
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EAN/UPC - Product	781087810743
Order code	71A8107500DB
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913700526409
Net Weight (Piece)	1.611 kg

### Dimensional drawing



HPS BAL 150W S55 120V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 150W S55 120V C&C	3.6 in	2 in	2.6 in	2.2 in	2.2 in	1.8 in

