

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

## CORE & COIL HID 71A8107001DB

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
Number Of Lamps	1 piece/unit
Circuit Type	R-HPF
Ballast Type	Magnetic HID
Base Model	71A8107B
Core Size	2 5/8 x 2 3/16
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	INTEGRAL
Ignitor Temperature Rating	125°C
Capacitor Value	55 MFD
Capacitor Catalog Number	7C550P12RA
Capacitor Requirements	120V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	3.75 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120 V
Input Frequency	60 Hz
Power (Rated) (Nom)	150 W
Input Current (Open Circuit)	2.35 A
Input Current (Starting)	2.25 A
Input Current (Short Circuit)	1.65-2.75 A
Secondary Short Circuit Current	3.65-5.55 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	120 V
Input Current (Nom)	1.5 A A
Input Power (Nom)	170 W
Rated Lamp Power	150W W

Wiring	
Wire Striplength	0.5 mm
Wire Length By Color	12"
Wire Type	Stranded

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Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	2'
Recommended Fuse Value	15 A

### Approval and Application

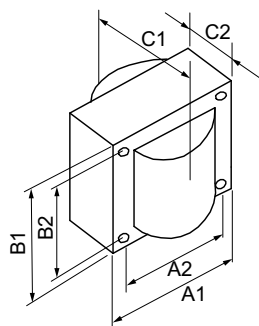
Open Circuit Voltage Test (Volts)	114-126 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029A
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### Product Data

Order product name	CORE & COIL HID 71A8107001DB
EAN/UPC - Product	781087026311
Order code	913700500911
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700500911
Net Weight (Piece)	1.847 kg

### Dimensional drawing



HPS BAL 150W S55 120V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8107001DB	3.6 in	2 in	2.6 in	2.2 in	2.2 in	1.8 in

