

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

## CORE & COIL HID 71A7801001D

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	S68	Input Voltage	120/277 V
Lamp Type	50W HPS	Input Frequency	60 Hz
Number Of Lamps	1 piece/unit	Power (Rated) (Nom)	50 W
Circuit Type	HX-HPF	Input Current (Open Circuit)	1/0.45 A
Ballast Type	Magnetic HID	Input Current (Starting)	0.65/0.3 A
Base Model	71A7801	Input Current (Short Circuit)	0.6-0.8/0.25-0.35 A
Core Size	3 X 4 (2 coil)	Secondary Short Circuit Current	1.3-1.9 A
Suitable For Outdoor Use	Yes	Constant Wattage Deviation	Within Trapezoid
Ignitor Catalog Number	LI551-H4	Ballast Factor (Nom)	1
Ignitor Temperature Rating	105°C	Power Factor (Nom)	0.90
Capacitor Value	5 MFD	Open Circuit Voltage	125 V
Capacitor Catalog Number	7C050L30RA	Input Current (Nom)	0.61/0.26 A A
Capacitor Requirements	280V	Input Power (Nom)	66 W
Capacitor Temperature Rating	105°C	Rated Lamp Power	50W W
Capacitor Diameter/Oval Dimensions	1.25 in	Wiring	
Capacitor Height	2.25 in	Wire Striplength	0.5 mm
Automatic Restart	No	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	3/1 A

### Approval and Application

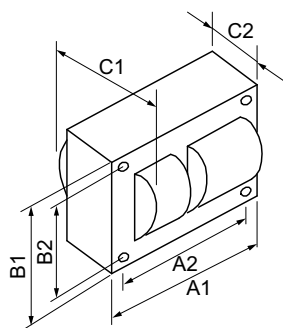
Open Circuit Voltage Test (Volts)	115-135 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A/A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029A
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### Product Data

Order product name	CORE & COIL HID 71A7801001D
EAN/UPC - Product	781087081327
Order code	913700537609
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700537609
Net Weight (Piece)	2.110 kg

### Dimensional drawing



HPS BAL 50W S68 120/277V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A7801001D	2.2 in	1 in	3.9 in	3.5 in	2.8 in	2.4 in

