

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

CORE & COIL HID 71A8007001DB

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	S54	Input Voltage	120 V
Lamp Type	100W HPS	Input Frequency	60 Hz
Number Of Lamps	1 piece/unit	Power (Rated) (Nom)	100 W
Circuit Type	R-HPF	Input Current (Open Circuit)	1.8 A
Ballast Type	Magnetic HID	Input Current (Starting)	1.5 A
Base Model	71A8007B	Input Current (Short Circuit)	1.0-1.6 A
Core Size	2 5/8 x 2 3/16	Secondary Short Circuit Current	2.4-3.6 A
Suitable For Outdoor Use	Yes	Constant Wattage Deviation	Within Trapezoid
Ignitor Catalog Number	INTEGRAL	Ballast Factor (Nom)	1
Ignitor Temperature Rating	105°C	Power Factor (Nom)	0.90
Capacitor Value	36 MFD	Open Circuit Voltage	120 V
Capacitor Catalog Number	7C360M12RA	Input Current (Nom)	1.05 A A
Capacitor Requirements	120V	Input Power (Nom)	115 W
Capacitor Temperature Rating	105°C	Rated Lamp Power	100W W
Capacitor Diameter/Oval Dimensions	1.65 in	Wiring	
Capacitor Height	2.75 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	5 A

Approval and Application

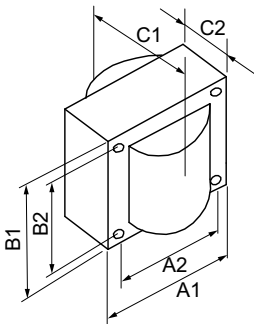
Open Circuit Voltage Test (Volts)	114-126 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029A
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Product Data

Order product name	CORE & COIL HID 71A8007001DB
EAN/UPC - Product	781087026304
Order code	913700501651
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700501651
Net Weight (Piece)	1.597 kg

Dimensional drawing



HPS BAL 100W S54 120V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8007001DB	3 in	1.5 in	2.6 in	2.2 in	2.2 in	1.8 in

