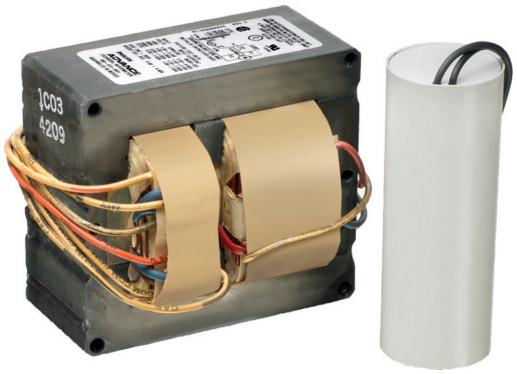
PHILIPS

Lighting



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

CORE & COIL HID HPS BAL 50W S68 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	
ANSI Code	S68
Lamp Type	50W HPS
Number of Lamps	1 piece/unit
Circuit Type	R-NPF
Ballast Type	Magnetic HID
Base Model	71A7807B_NPF
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	NA
Capacitor Catalog Number	NA
Capacitor Requirements	NA
Capacitor Temperature Rating	NA
Automatic Restart	No

Operating and Electrical	
Input Voltage	120 V
Input Frequency	60 Hz
Input Current (Open Circuit)	0 A
Input Current (Starting)	1.8 A
Input Current (Short Circuit)	1.45-2.2 A
Secondary Short Circuit Current	1.45-2.2 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.45
Open Circuit Voltage	120 V
Input Current (Nom)	1.18 A A
Input Power (Nom)	62 W
Rated Lamp Power	50 W

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

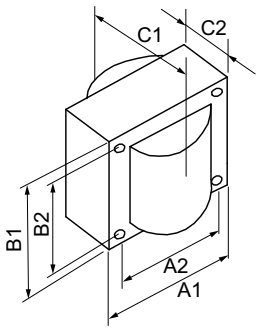
Core & Coil (71A) HPS ~LT~ 200W

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

EAN/UPC - Product	781087780770
Order code	399303
Local order code	399303
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	16
Material Nr. (12NC)	913700575709
Net Weight (Piece)	0.658 kg

Product Data	
Order product name	CORE & COIL HID HPS BAL 50W S68 120V C&C

Dimensional drawing



HPS BAL 50W S68 120V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A7807600B	2.70 in	0.95 in	2.6 in	2.2 in	2.2 in	1.8 in

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