



# Core & Coil (71A) HPS 200W - 400W

## CORE & COIL HID HPS BAL 250W S50 120/277/347V 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		Operating and Electrical	
ANSI Code	S50	Input Voltage	120/277/347 V
Lamp Type	250W HPS	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Input Current (Open Circuit)	1.7/0.75/0.7 A
Circuit Type	CWA	Input Current (Starting)	1.65/0.7/0.6 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	0.7-1.1/0.38-0.45/0.2-0.38 A
Base Model	71A82A1	Secondary Short Circuit Current	3.7-4.5 A
Core Size	4 x 4 (2 coil)	Constant Wattage Deviation	Within Trapezoid
Suitable For Outdoor Use	Yes	Ballast Factor (Nom)	1
Ignitor Catalog Number	LI501-H4	Power Factor (Nom)	0.90
Ignitor Temperature Rating	105°C	Open Circuit Voltage	187 V
Capacitor Value	35 MFD	Input Current (Nom)	2.7/1.15/0.93 A A
Capacitor Catalog Number	7C350P24RA	Input Power (Nom)	295 W
Capacitor Requirements	240V	Rated Lamp Power	250 W
Capacitor Temperature Rating	105°C		
Capacitor Diameter/Oval Dimensions	1.65 in	Wiring	
Capacitor Height	3.70 in	Wire Striplength	0.5 mm
Automatic Restart	No	Wire Length by Color	12"
		Wire Type	Stranded
		Remote Wiring Configuration Allowed	Yes

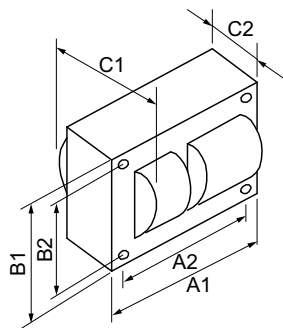
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Max Ballast-Lamp Distance Remote	2'
Wiring	
Recommended Fuse Value	7/3/2 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	170-205 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/C/B/
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029C

### Product Data

Order product name	CORE & COIL HID HPS BAL 250W S50 120/277/347V C&C
EAN/UPC - Product	781087031247
Order code	913700505581
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700505581
Net Weight (Piece)	5.203 kg

### Dimensional drawing



HPS BAL 250W S50 120/277/347V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 250W S50 120/277/347V C&C	3.60 in	1.94 in	4.8 in	4.4 in	4.3 in	3.9 in

