



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

## CORE & COIL HID HPS BAL 250W S50 120/208/240V 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	S50
Lamp Type	250W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWI
Ballast Type	Magnetic HID
Base Model	71A82E6
Core Size	4 x 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI501-J4
Ignitor Temperature Rating	105°C
Capacitor Value	28 MFD
Capacitor Catalog Number	7C280P30RA
Capacitor Requirements	300V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.85 in
Capacitor Height	3.7 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/208/240 V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.5/0.87/0.75 A
Input Current (Starting)	1.2/0.7/0.6 A
Input Current (Short Circuit)	0.7-1.3/0.45-0.85/0.35-0.65 A
Secondary Short Circuit Current	3.55-4.35 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	190 V
Input Current (Nom)	2.75/1.6/1.38 A A
Input Power (Nom)	300 W
Rated Lamp Power	250 W

Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

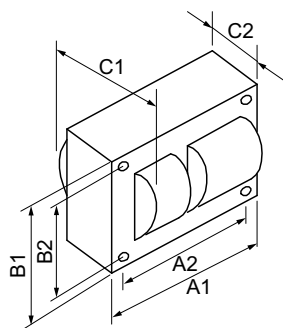
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Max Ballast-Lamp Distance Remote	2'
Wiring	
Recommended Fuse Value	8/5/5 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	170-210 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/D/C
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029D

### Product Data

Order product name	CORE & COIL HID HPS BAL 250W S50 120/208/240V C&C
EAN/UPC - Product	781087050088
Order code	193466
Local order code	193466
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700539309
Net Weight (Piece)	5.276 kg

### Dimensional drawing



HPS BAL 250W S50 120/208/240V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A82E6500D	3.8 in	1.85 in	4.8 in	4.4 in	4.3 in	3.9 in

