



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

CORE & COIL HID HPS BAL 250W S50 120/220-240V 50HZ 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	CWA				
Ballast Type	Magnetic HID				
Base Model	71A82N1				
Core Size	4 x 4 (2 coil)				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI501-H4				
Ignitor Temperature Rating	105°C				
Capacitor Value	40 MFD				
Capacitor Catalog Number	7C400P30RA				
Capacitor Requirements	240V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval Dimensions	1.85 in				
Capacitor Height	4.7 in				
Automatic Restart	No				

Operating and Electrical				
Input Voltage	120/230 V			
Input Frequency	50 Hz			
Input Current (Open Circuit)	1.45/0.75 A			
Input Current (Starting)	1.85/0.95 A			
Input Current (Short Circuit)	2.65-4/1.4-2.05 A			
Secondary Short Circuit Current	5.75-7 A			
Constant Wattage Deviation	Within Trapezoid			
Ballast Factor (Nom)	1			
Power Factor (Nom)	0.90			
Open Circuit Voltage	187 V			
Input Current (Nom)	2.75/1.44 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			

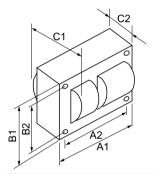
Datasheet, 2019, March 22 data subject to change

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Max Ballast-Lamp Distance Remote Wiring 2'					
Recommended Fuse Value	7/4 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	180-220 V				
Approval Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	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			
	120/220-240V 50HZ C&C			
EAN/UPC - Product	781087031421			
Order code	176180			
Local order code	176180			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	4			
Material Nr. (12NC)	913700500411			
Net Weight (Piece)	5.693 kg			

Dimensional drawing



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Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 250W S50	3.7 in	2.1 in	4.8 in	4.4 in	4.3 in	3.9 in
120/220-240V 50HZ C&C						



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