



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

# CORE & COIL HID HPS BAL 250W S50 220/240V 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	CWA			
Ballast Type	Magnetic HID			
Base Model	71A82J9			
Core Size	4 x 4 (2 coil)			
Suitable For Outdoor Use	Yes			
Ignitor Catalog Number	LI501-H4			
Ignitor Temperature Rating	105°C			
Capacitor Value	34 MFD			
Capacitor Catalog Number	7C340P24RAT1			
Capacitor Requirements	240V			
Capacitor Temperature Rating	105°C			
Capacitor Diameter/Oval Dimensions	1.75 in			
Capacitor Height	3.75 in			
Automatic Restart	No			

Operating and Electrical					
Input Voltage	220/240 V				
Input Frequency	60 Hz				
Inp. Current (Open Circuit)	1/0.9 A				
Input Current (Starting)	0.8/0.7 A				
Input Current (Short Circuit)	0.51-0.77/0.47-0.7 A				
Secondary Short Circuit Current	3.7-4.5 A				
Constant Wattage Deviation	Within Trapezoid				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Nominal Open Circuit Voltage	188 V				
Input Current (Operating) (Nom)	1.35/1.25 A A				
Input Power (Nom)	285 W				
Rated Lamp Watts	250 W				
Wiring					
Wire Striplength	0.5 mm				
Wire Length by Color	12"				
Wire Type	Stranded				
Remote Wiring Configuration Allowed	Yes				

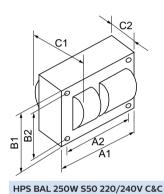
Datasheet, 2019, February 12 data subject to change

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

Max Ballast-Lamp Distance Remote Wiring 5'					
Recommended Fuse Value	4/4 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	170-205 V				
Approbation Marks	FIDE Certificate NOM certificate RoHS				
	Compliant				
Temperature Marking	A/A				
UL Recognized	No				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				

UL Temperature Code	1029A				
Product Data					
Order product name	CORE & COIL HID 71A82J9500DM				
EAN/UPC - Product	781087039403				
Order code	71A82J9500DML				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	2				
Material Nr. (12NC)	913710592010				
Net Weight (Piece)	4.690 kg				

### Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A82J9500DML	3.4 in	1.8 in	4.8 in	4.4 in	4.3 in	3.9 in



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