



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

# CORE & COIL HID HPS BAL 250W S50 127/220V 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	71A82H1A
Core Size	4 x 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI501-H4
Ignitor Temperature Rating	105°C
Capacitor Value	35 MFD
Capacitor Catalog Number	7C350P24RA
Capacitor Requirements	240V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.65 in
Capacitor Height	3.7 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	127/220 V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.25/0.75 A
Input Current (Starting)	1.80/1.04 A
Input Current (Short Circuit)	1.24-1.87/0.71-1.06 A
Secondary Short Circuit Current	3.7-4.5 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	189 V
Input Current (Nom)	2.50/1.40 A A
Input Power (Nom)	295 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

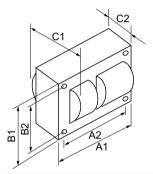
Datasheet, 2019, March 22 data subject to change

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

Max Ballast-Lamp Distance Remote Wiring 5'		
Recommended Fuse Value	7/4 A	
Approval and Application		
Open Circuit Voltage Test (Volts)	175-205 V	
Approval Marks	ULR NOM certificate RoHS Compliant	
Temperature Marking	A/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	

Product Data	
Order product name	CORE & COIL HID HPS BAL 250W S50
	127/220V C&C
EAN/UPC - Product	781087096802
Order code	913701146012
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913701146012
Net Weight (Piece)	5.385 kg

#### Dimensional drawing



HPS BAL 250W S50 127/220V C&C

 Product
 C1
 C2
 A1
 A2
 B1
 B2

 CORE & COIL HID HPS BAL 250W S50
 3.55 in
 1.82 in
 4.8 in
 4.4 in
 4.3 in
 3.9 in

 127/220V C&C



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