



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
Inp. 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
Nominal Open Circuit Voltage	189 V
Input Current (Operating) (Nom)	2.50/1.40 A A
Input Power (Nom)	295 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

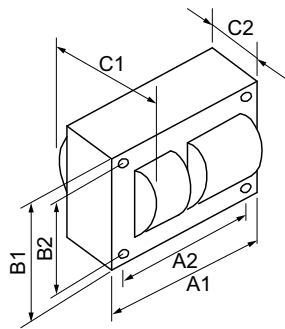
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Max Ballast-Lamp Distance Remote Wiring	5'
Recommended Fuse Value	7/4 A
Approval and Application	
Open Circuit Voltage Test (Volts)	175-205 V
Approbation Marks	ULR NOM certificate RoHS Compliant
Temperature Marking	A/A
UL Recognized	Yes
Hipot Test (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	71A82H1500DMLA
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 127/220V C&C	3.55 in	1.82 in	4.8 in	4.4 in	4.3 in	3.9 in

