



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

CORE & COIL HID HPS BAL 400W S51
127/220/240/277V 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	S-51
Lamp Type	400W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A9937
Core Size	4 x 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI501-H4
Ignitor Temperature Rating	105°C
Capacitor Value	55 MFD
Capacitor Catalog Number	7C550P24RA
Capacitor Requirements	240V
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	127/220/240/277 V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.62/0.95/0.9/0.75 A
Input Current (Starting)	2.92/1.7/1.58/1.35 A
Input Current (Short Circuit)	2.35-3.5/1.35-2.05/1.25-1.9/1.1-1.6 A
Secondary Short Circuit Current	6-7.5 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	190 V
Input Current (Nom)	3.55/2.1/1.9/1.7 A A
Input Power (Nom)	464 W
Rated Lamp Power	400 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

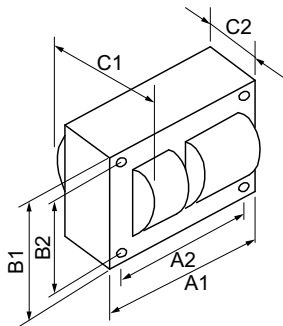
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Max Ballast-Lamp Distance Remote	2'
Wiring	
Recommended Fuse Value	10/8/5/5 A
Approval and Application	
Open Circuit Voltage Test (Volts)	170-210 V
Approval Marks	NOM certificate RoHS Compliant
Temperature Marking	D/D/D/D
UL Recognized	No
Hipot Test (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 400W S51 127/220/240/277V C&C
EAN/UPC - Product	781087027028
Order code	913710562202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710562202
Net Weight (Piece)	6.383 kg

Dimensional drawing



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Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A9937500DML	4 in	2.29 in	4.8 in	4.4 in	4.3 in	3.9 in

