

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

## CORE & COIL HID HPS BAL 310W S67 5-TAP 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

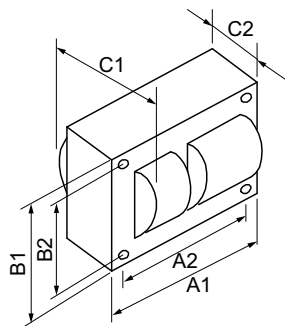
General Information			
ANSI Code	S67	Input Frequency	60 Hz
Lamp Type	310W HPS	Input Current (Open Circuit)	1.43/0.7/0.72/0.6/0.35 A
Number of Lamps	1 piece/unit	Input Current (Starting)	2.5/1.4/1.24/1.05/0.59 A
Circuit Type	CWA	Input Current (Short Circuit)	1.75-2.62/1-1.5/0.87-1.3/0.75-1.12/0.43-0.64 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	4.72-5.77 A
Base Model	71A8351A	Constant Wattage Deviation	Within Trapezoid
Core Size	4 x 4 (2 coil)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	LI501-H4	Open Circuit Voltage	183 V
Ignitor Temperature Rating	105°C	Input Current (Nom)	3.12/1.7/1.55/1.33/0.77 A A
Capacitor Value	45 MFD	Input Power (Nom)	367 W
Capacitor Catalog Number	7C450P30RA	Rated Lamp Power	310 W
Capacitor Requirements	280V	Wiring	
Capacitor Temperature Rating	105°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.85 in	Wire Length by Color	12"
Capacitor Height	4.70 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
Operating and Electrical		Max Ballast-Lamp Distance Remote	2'
Input Voltage	120/208/240/277/480 V	Wiring	

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Recommended Fuse Value	8/5/4/4/2 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	165-201 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/A/B/B/B
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029C

<b>Product Data</b>	
Order product name	CORE & COIL HID HPS BAL 310W S67 5-TAP C&C
EAN/UPC - Product	781087082348
Order code	913701103002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material Nr. (12NC)	913701103002
Net Weight (Piece)	6.745 kg

### Dimensional drawing



HPS BAL 310W S67 5-TAP C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8351500DA	4.10 in	2.42 in	4.8 in	4.4 in	4.3 in	3.9 in

