**PHILIPS** Lighting



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

## CORE & COIL HID HPS BAL 200W S66 QUAD 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	S66				
Lamp Type	200W HPS				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	71A8991				
Core Size	3 x 4 (2 coil)				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI501-H4				
Ignitor Temperature Rating	105°C				
Capacitor Value	24 MFD				
Capacitor Catalog Number	7C240P30RA				
Capacitor Requirements	280V				
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	120/208/240/277 V				

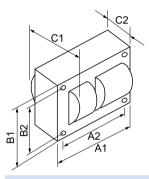
Input Frequency	60 Hz				
Input Current (Open Circuit)	1.5/0.85/0.75/0.65 A				
Input Current (Starting)	1.4/0.8/0.7/0.6 A				
Input Current (Short Circuit)	0.9-1.4/0.5-0.8/0.45-0.7/0.4-0.6 A				
Secondary Short Circuit Current	2.7-3.4 A				
Constant Wattage Deviation	Within Trapezoid				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Open Circuit Voltage	195 V				
Input Current (Nom)	2.36/1.34/1.16/1 A A				
Input Power (Nom)	250 W				
Rated Lamp Power	200 W				
Wiring					
Wire Striplength	0.5 mm				
Wire Length by Color	12"				
Wire Type	Stranded				
Remote Wiring Configuration Allowed	Yes				
Max Ballast-Lamp Distance Remote	2'				
Wiring					

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Recommended Fuse Value	8/5/5/3 A
Approval and Application	
Open Circuit Voltage Test (Volts)	175-215 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	H/G/H/I
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	10291

Product Data					
Order product name	CORE & COIL HID HPS BAL 200W S66 QUAD				
	C&C				
EAN/UPC - Product	781087899151				
Order code	193581				
Local order code	193581				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	4				
Material Nr. (12NC)	913700540609				
Net Weight (Piece)	4.260 kg				

#### Dimensional drawing



HPS BAL 200W S66 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8991500D	4.2 in	3 in	3.9 in	3.5 in	2.8 in	2.4 in



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