



# 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

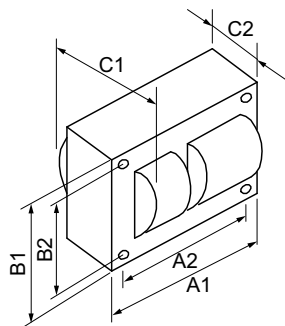
General Information			
ANSI Code	S66	Input Frequency	60 Hz
Lamp Type	200W HPS	Inp. Current (Open Circuit)	1.3/0.75/0.65/0.6 A
Number of Lamps	1 piece/unit	Input Current (Starting)	1.5/0.9/0.75/0.65 A
Circuit Type	CWA	Input Current (Short Circuit)	1-1.6/0.6-0.95/0.5-0.8/0.45-0.7 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	2.8-3.4 A
Base Model	71A8990	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	Nominal Open Circuit Voltage	185 V
Ignitor Temperature Rating	105°C	Input Current (Operating) (Nom)	2.22/1.28/1.11/0.96 A A
Capacitor Value	28 MFD	Input Power (Nom)	240 W
Capacitor Catalog Number	7C280P30RA	Rated Lamp Watts	200 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	3.7 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 V	Wiring	

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Recommended Fuse Value	6/4/3/3 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	165-205 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	E/D/D/D
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029E

<b>Product Data</b>	
Order product name	CORE & COIL HID HPS BAL 200W S66 QUAD C&C
EAN/UPC - Product	781087899052
Order code	71A8990500D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700578709
Net Weight (Piece)	3.843 kg

### Dimensional drawing



HPS BAL 200W S66 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 200W S66 QUAD C&C	3 in	1.2 in	4.8 in	4.4 in	4.3 in	3.9 in

