

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

## CORE & COIL HID HPS BAL 200W S66 QUAD KIT

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	71A8970
Core Size	4 x 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI501-H4
Ignitor Temperature Rating	105°C
Capacitor Value	28 MFD
Capacitor Catalog Number	7C280P30RA
Capacitor Requirements	280V
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	120/208/240/277 V
Input Frequency	60 Hz
Power (Rated) (Nom)	200 W
Inp. Current (Open Circuit)	1.3/0.75/0.65/0.6 A
Input Current (Starting)	1.5/0.9/0.75/0.65 A
Input Current (Short Circuit)	1-1.6/0.6-0.95/0.5-0.8/0.45-0.7 A
Secondary Short Circuit Current	2.8-3.4 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	185 V
Input Current (Operating) (Nom)	2.22/1.28/1.11/0.96 A A
Input Power (Nom)	240 W
Rated Lamp Watts	200W W

Wiring	
Wire Striplength	0.5 mm
Wire Length By Color	12"
Wire Type	Stranded

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Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	2'
Recommended Fuse Value	6/4/3/3 A

### Approval and Application

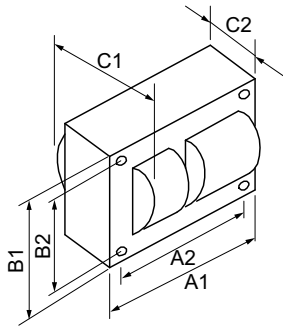
Open Circuit Voltage Test (Volts)	165-205 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	E/D/D/D
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029E
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### Product Data

Order product name	CORE & COIL HID 71A8970001D
EAN/UPC - Product	781087897010
Order code	71A8970001D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700540509
Net Weight (Piece)	4.233 kg

### Dimensional drawing



HPS BAL 200W S66 QUAD KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8970001D	3 in	1.2 in	4.8 in	4.4 in	4.3 in	3.9 in

