



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

CORE & COIL HID HPS BAL 400W S51 120/208/240V 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	S51-M169
Lamp Type	400W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWI
Ballast Type	Magnetic HID
Base Model	71A84E6
Core Size	4 x 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI501-J4
Ignitor Temperature Rating	105°C
Capacitor Value	48 MFD
Capacitor Catalog Number	7C480P30RA
Capacitor Requirements	300V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.85 in
Capacitor Height	4.70 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/208/240 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	2/1.15/1 A
Input Current (Starting)	2/1.15/1 A
Input Current (Short Circuit)	1-1.6/0.55-0.95/0.5-0.8 A
Secondary Short Circuit Current	5.85-7.15 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	190 V
Input Current (Operating) (Nom)	4.2/2.4/2.1 A A
Input Power (Nom)	465 W
Rated Lamp Watts	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 Wiring 2'	
Recommended Fuse Value	10/7/5 A
Approval and Application	
Open Circuit Voltage Test (Volts)	170-210 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	E/E/E
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

Product Data	
Order product name	CORE & COIL HID HPS BAL 400W S51 120/208/240V C&C
EAN/UPC - Product	781087050156
Order code	71A84E6500D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material Nr. (12NC)	913700539809
Net Weight (Piece)	7.272 kg

Dimensional drawing



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Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 400W S51 120/208/240V C&C	4.40 in	2.65 in	4.8 in	4.4 in	4.3 in	3.9 in

