



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

CORE & COIL HID HPS BAL 400W S51 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	S51-M169				
Lamp Type	400W HPS				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	71A8493				
Core Size	4 x 4 (2 coil)				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI501-H4				
Ignitor Temperature Rating	105°C				
Capacitor Value	55 MFD				
Capacitor Catalog Number	7C550P24RA				
Capacitor Requirements	240V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval Dimensions	1.85 in				
Capacitor Height	3.70 in				
Automatic Restart	No				
Operating and Electrical					
Input Voltage	120/208/240/277 V				
·					

Input Frequency	60 Hz				
Input Current (Open Circuit)	2/1.2/0.95/0.85 A				
Input Current (Starting)	3.3/1.8/1.5/1.4 A				
Input Current (Short Circuit)	2.4-3.6/1.4-2.1/1.2-1.8/1-1.55 A				
Secondary Short Circuit Current	6-7.4 A				
Constant Wattage Deviation	Within Trapezoid				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Open Circuit Voltage	190 V				
Input Current (Nom)	3.8/2.2/1.9/1.7 A A				
Input Power (Nom)	464 W				
Rated Lamp Power	400 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					

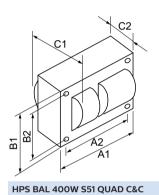
Datasheet, 2019, March 22 data subject to change

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

Recommended Fuse Value	10/8/5/5 A
Approval and Application	
Open Circuit Voltage Test (Volts)	170-210 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/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	1029D

Product Data					
Order product name	CORE & COIL HID HPS BAL 400W S51 QUAD				
	C&C				
EAN/UPC - Product	781087849354				
Order code	913700505871				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	4				
Material Nr. (12NC)	913700505871				
Net Weight (Piece)	6.029 kg				

Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 400W S51	4 in	2.09 in	4.8 in	4.4 in	4.3 in	3.9 in
QUAD C&C						



© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.