



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

CORE & COIL HID HPS BAL 400W S51 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	S51-M169			
Lamp Type	400W HPS			
Number of Lamps	1 piece/unit			
Circuit Type	CWA			
Ballast Type	Magnetic HID			
Base Model	71A8473			
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
Inp. 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
Nominal Open Circuit Voltage	190 V
Input Current (Operating) (Nom)	3.8/2.2/1.9/1.7 A A
Input Power (Nom)	464 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
Max Ballast-Lamp Distance Remote	2'
Wiring	

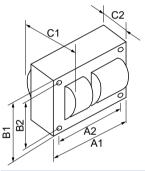
Datasheet, 2019, March 22 data subject to change

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				
Approbation 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				
	KIT				
EAN/UPC - Product	781087847312				
Order code	71A8473001D				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	1				
Material Nr. (12NC)	913700556709				
Net Weight (Piece)	7.117 kg				

Dimensional drawing



HPS BAL 400W S51 QUAD KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 400W S51	4.30 in	2.65 in	4.8 in	4.4 in	4.3 in	3.9 in
QUAD KIT						



© 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.