**PHILIPS** Lighting



# 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					

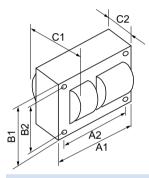
Input Frequency	60 Hz				
Input Current (Open Circuit)	2/1.2/0.95/0.85 A				
Input Current (Starting)	3.3/1.8/1.5/1.4 A				
Input Current (Short Circuit)	2.4-3.6/1.4-2.1/1.2-1.8/1-1.55 A				
Secondary Short Circuit Current	6-7.4 A				
Constant Wattage Deviation	Within Trapezoid				
Ballast Factor (Nom)	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					

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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
	KIT
EAN/UPC - Product	781087847312
Order code	190405
Local order code	190405
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						



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