

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

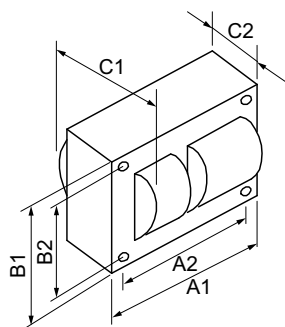
General Information			
ANSI Code	S51-M169	Inp. Current (Open Circuit)	2/1.2/0.95/0.85 A
Lamp Type	400W HPS	Input Current (Starting)	3.3/1.8/1.5/1.4 A
Number of Lamps	1 piece/unit	Input Current (Short Circuit)	2.4-3.6/1.4-2.1/1.2-1.8/1-1.55 A
Circuit Type	CWA	Secondary Short Circuit Current	6-7.4 A
Ballast Type	Magnetic HID	Constant Wattage Deviation	Within Trapezoid
Base Model	71A8493	Ballast Factor (Nom)	1.0
Core Size	4 x 4 (2 coil)	Power Factor (Nom)	0.90
Suitable For Outdoor Use	Yes	Nominal Open Circuit Voltage	190 V
Ignitor Catalog Number	LI501-H4	Input Current (Operating) (Nom)	3.8/2.2/1.9/1.7 A A
Ignitor Temperature Rating	105°C	Input Power (Nom)	464 W
Capacitor Value	55 MFD	Rated Lamp Watts	400 W
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		Wiring	
Input Voltage	120/208/240/277 V	Wire Striplength	0.5 mm
Input Frequency	60 Hz	Wire Length by Color	12"
		Wire Type	Stranded
		Remote Wiring Configuration Allowed	Yes
		Tandem Wiring Configuration Allowed	No
		Through Wiring Configuration Allowed	No
		Max Ballast-Lamp Distance Remote	2'
		Wiring	

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Recommended Fuse Value	10/8/5/5 A
Mechanical and Housing	
Housing	NA
Housing Dimensions	NA
Approval and Application	
Open Circuit Voltage Test (Volts)	170-210 V
EMC Immunity Standard	NA
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/D/D/D
Sound Rating	NA
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	781087106952
Order code	71A8493520D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material Nr. (12NC)	913710551402
Net Weight (Piece)	6.587 kg

Dimensional drawing



HPS BAL 400W S51 QUAD C&C

Product	C1	C2
CORE & COIL HID HPS BAL 400W S51 QUAD C&C	4.30 in	2.65 in

