

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

## CORE & COIL HID HPS BAL 400W S51 480V/120T 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

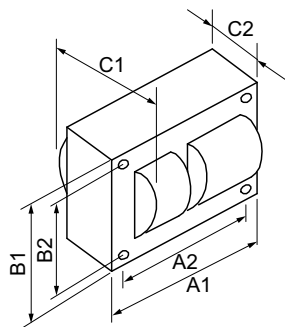
General Information			
ANSI Code	S51-M169	Input Frequency	60 Hz
Lamp Type	400W HPS	Inp. Current (Open Circuit)	0.55 A
Number of Lamps	1 piece/unit	Input Current (Starting)	0.75 A
Circuit Type	CWA	Input Current (Short Circuit)	0.5-0.8 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	6-7.4 A
Base Model	71A8443T	Constant Wattage Deviation	Within Trapezoid
Core Size	4 x 4 (2 coil)	Ballast Factor (Nom)	1.0
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	LI501-H4	Nominal Open Circuit Voltage	190 V
Ignitor Temperature Rating	105°C	Input Current (Operating) (Nom)	0.97 A A
Capacitor Value	55 MFD	Input Power (Nom)	464 W
Capacitor Requirements	240V	Rated Lamp Watts	400 W
Capacitor Temperature Rating	105°C	Wiring	
Capacitor Diameter/Oval Dimensions	1.85 in	Wire Striplength	0.5 mm
Capacitor Height	3.70 in	Wire Length by Color	12"
Automatic Restart	No	Wire Type	Stranded
Operating and Electrical		Remote Wiring Configuration Allowed	Yes
Input Voltage	480/120T V	Tandem Wiring Configuration Allowed	No
		Through Wiring Configuration Allowed	No

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Max Ballast-Lamp Distance Remote Wiring 2'	
Recommended Fuse Value	3 A
<b>Mechanical and Housing</b>	
Housing	NA
Housing Dimensions	NA
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	170-210 V
EMC Immunity Standard	NA
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	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
<b>Product Data</b>	
Order product name	CORE & COIL HID HPS BAL 400W S51 480V/120T C&C
EAN/UPC - Product	781087036259
Order code	71A8443620T
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material Nr. (12NC)	913710549802
Net Weight (Piece)	9.286 kg

### Dimensional drawing



HPS BAL 400W S51 480V/120T C&C

Product	C1	C2
CORE & COIL HID HPS BAL 400W S51 480V/120T C&C	4.00 in	2.30 in

