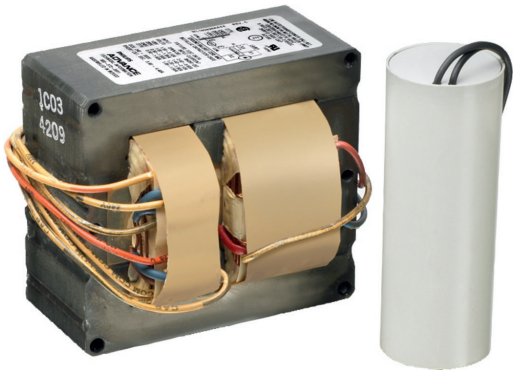
PHILIPS

Lighting



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
Lamp Type	400W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A8443TA
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	3.7 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	480/120T V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	0.55 A
Input Current (Starting)	0.75 A
Input Current (Short Circuit)	0.5-0.8 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)	0.97 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

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

Max Ballast-Lamp Distance Remote Wiring	2'
Recommended Fuse Value	3 A

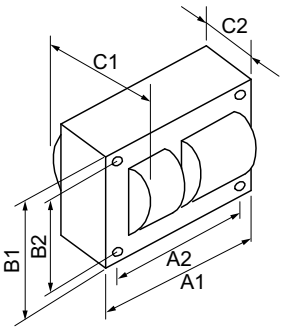
Approval and Application

Open Circuit Voltage Test (Volts)	170-210 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	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 71A8443500DTA
EAN/UPC - Product	781087067000
Order code	71A8443500DTA
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710656202
Net Weight (Piece)	6.900 kg

Dimensional drawing



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

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8443500DTA	4.3 in	2.8 in	4.8 in	4.4 in	4.3 in	3.9 in

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