



Core & Coil (71A) HPS ~GT~ 400W

CORE & COIL HID HPS BAL 1000W S52 5-TAP 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	S52
Lamp Type	1000W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A8753
Core Size	4 1/4 x 6
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI571-H5
Ignitor Temperature Rating	105°C
Capacitor Value	26 MFD
Capacitor Catalog Number	RW1626020
Capacitor Requirements	525V
Capacitor Temperature Rating	90°C
Capacitor Diameter/Oval	1.75 in
Dimensions	
Capacitor Height	4.25 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/208/240/277/480 V
Input Frequency	60 Hz
Input Current (Open Circuit)	3.9/2.19/2.01/1.71/0.96 A
Input Current (Starting)	7.8/4.38/3.82/3.3/1.9 A
Input Current (Short Circuit)	5.83-8.74/3.36-5.05/2.92-4.38/2.53-3.8/1.46-2.19 A
Secondary Short Circuit Current	6.24-7.63 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	437 V
Input Current (Nom)	9.28/5.32/4.68/4.03/2.31 A A
Input Power (Nom)	1100 W
Rated Lamp Power	1000 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration	Yes
Allowed	

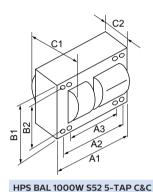
Datasheet, 2019, February 12 data subject to change

Core & Coil (71A) HPS ~GT~ 400W

Max Ballast-Lamp Distance	15'
Remote Wiring	
Recommended Fuse Value	25/15/12/10/6 A
Approval and Application	
Open Circuit Voltage Test (Volts)	390-476 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/C/C/C/C
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029C
Product Data	
Order product name	CORE & COIL HID HPS BAL 1000W S52 5-TAP C&C
EAN/UPC - Product	781087120101
Order code	913710446802
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710446802
Net Weight (Piece)	12.914 kg

Dimensional drawing



 Product
 C1
 C2
 A1
 A2
 A3
 B1
 B2

 CORE & COIL HID 71A8753600
 6 in
 3.97 in
 6 in
 5.4 in
 4.4 in
 4.3 in
 3.9 in



© 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.