



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

CORE & COIL HID HPS BAL 1000W S52 480V 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	71A8743
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 Dimensions	1.75 in
Capacitor Height	4.25 in
Automatic Restart	No
Operating and Electrical	
Input Voltage	480 V

Input Frequency	60 Hz				
Input Current (Open Circuit)	0.9 A				
Input Current (Starting)	1.6 A				
Input Current (Short Circuit)	1.75-2.65 A				
Secondary Short Circuit Current	6.4-7.8 A				
Constant Wattage Deviation	Within Trapezoid				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Open Circuit Voltage	435 V				
Input Current (Nom)	2.3 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 Allowed	Yes				
Max Ballast-Lamp Distance Remote Wiring 15'					
Recommended Fuse Value	6 A				

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

Approval and Application						
Open Circuit Voltage Test (Volts)	395-485 V					
Approval Marks	ULR CSA certificate RoHS Compliant					
Temperature Marking	С					
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					

480V C&C

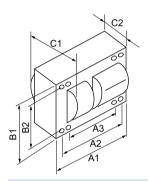
CORE & COIL HID HPS BAL 1000W S52

EAN/UPC - Product	781087874356				
Order code	190058				
Local order code	190058				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	2				
Material Nr. (12NC)	913700566109				
Net Weight (Piece)	13.313 kg				

Product Data

Order product name

Dimensional drawing



HPS BAL 1000W S52 480V C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID HPS BAL 1000W	5.90 in	3.90 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
S52 480V C&C							



© 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.

www.lighting.philips.com 2019, March 22 - data subject to change