



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

CORE & COIL HID HPS BAL 1000W S52 120/277/347V KIT

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	71A87A3				
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℃				
Capacitor Diameter/Oval Dimensions	1.75 in				
Capacitor Height	4.25 in				
Automatic Restart	No				

Operating and Electrical	
Input Voltage	120/277/347 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	3.7/1.4/1.1 A
Input Current (Starting)	6.4/2.8/2.2 A
Input Current (Short Circuit)	6.9-10.4/3-4.6/2.5-3.7 A
Secondary Short Circuit Current	6.4-7.8 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	435 V
Input Current (Operating) (Nom)	9.5/4.2/3.3 A A
Input Power (Nom)	1100 W
Rated Lamp Watts	1000 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

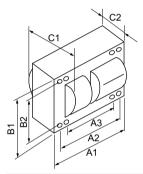
Datasheet, 2019, March 22 data subject to change

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Max Ballast-Lamp Distance Remote Wiring 15'					
Recommended Fuse Value	25/15/10 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	395-485 V				
Approbation Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	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				
	1				

Product Data				
Order product name	CORE & COIL HID HPS BAL 1000W S52			
	120/277/347V KIT			
EAN/UPC - Product	781087037485			
Order code	71A87A3001			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	1			
Material Nr. (12NC)	913700526909			
Net Weight (Piece)	13.731 kg			

Dimensional drawing



HPS BAL 1000W S52 120/277/347V KIT

Product	C 1	C2	A1	A2	А3	B1	B2
CORE & COIL HID HPS BAL 1000W	5.9 in	3.90 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
S52 120/277/347V KIT							



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