PHILIPS Lighting



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

CORE & COIL HID HPS BAL 1000W S52 220/240V 50HZ 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 1 piece/unit				
Number of Lamps					
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	71A87R3				
Core Size	4 1/4 x 6				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI571-H5				
Ignitor Temperature Rating	105°C				
Capacitor Value	28 MFD				
Capacitor Catalog Number	MD1408-230				
Capacitor Requirements	580V				
Capacitor Temperature Rating	90°C				
Capacitor Diameter/Oval Dimensions	1.75 in				
Capacitor Height	3.90 in				
Automatic Restart	No				

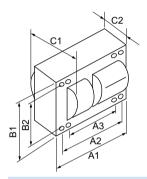
Operating and Electrical					
Input Voltage	220/240 V				
Input Frequency	50 Hz				
Inp. Current (Open Circuit)	1.3/1.2 A				
Input Current (Starting)	6/5.6 A				
Input Current (Short Circuit)	8.5-12.8/7.8-11.8 A				
Secondary Short Circuit Current	10.35-12.65 A				
Constant Wattage Deviation	Within Trapezoid				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Nominal Open Circuit Voltage	435 V				
Input Current (Operating) (Nom)	5.2/4.8 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				

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Max Ballast-Lamp Distance Remote Wiring 15'					
Recommended Fuse Value	15/15 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	455-555 V				
Approbation Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	E/E				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029E				

Product Data					
Order product name	CORE & COIL HID HPS BAL 1000W S52				
	220/240V 50HZ C&C				
EAN/UPC - Product	781087037621				
Order code	71A87R3500				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	1				
Material Nr. (12NC)	913700506211				
Net Weight (Piece)	14.729 kg				

Dimensional drawing



HPS BAL 1000W S52 220/240V 50HZ C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A87R3500	6.30 in	4.30 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in



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