



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

CORE & COIL HID 71A8753001

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		Input Frequency	
ANSI Code	S52	Input Frequency	60 Hz
Lamp Type	1000W HPS	Input Current (Open Circuit)	3.9/2.19/2.01/1.71/0.96 A
Number of Lamps	1 piece/unit	Input Current (Starting)	7.8/4.38/3.82/3.3/1.9 A
Circuit Type	CWA	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
Ballast Type	Magnetic HID	Secondary Short Circuit Current	6.24-7.63 A
Base Model	71A8753	Constant Wattage Deviation	Within Trapezoid
Core Size	4 1/4 x 6	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	LI571-H5	Open Circuit Voltage	437 V
Ignitor Temperature Rating	105°C	Input Current (Nom)	9.28/5.32/4.68/4.03/2.31 A A
Capacitor Value	26 MFD	Input Power (Nom)	1100 W
Capacitor Catalog Number	RW1626020	Rated Lamp Power	1000 W
Capacitor Requirements	525V	Wiring	
Capacitor Temperature Rating	90°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.75 in	Wire Length by Color	12"
Capacitor Height	4.25 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
Operating and Electrical		Max Ballast-Lamp Distance Remote Wiring	15'
Input Voltage	120/208/240/277/480 V	Recommended Fuse Value	25/15/12/10/6 A

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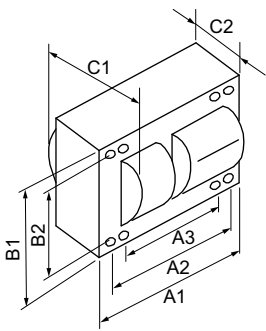
Approval and Application

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 71A8753001
EAN/UPC - Product	781087111826
Order code	913710405501
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913710405501
Net Weight (Piece)	13.903 kg

Dimensional drawing



HPS BAL 1000W S52 5-TAP KIT

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A8753001	6 in	3.97 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in





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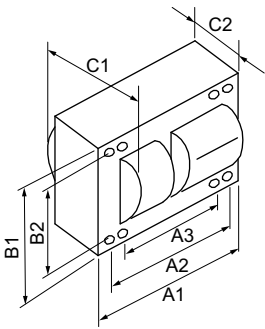
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