



Core & Coil (71A) HPS ~LT~ 200W

CORE & COIL HID HPS BAL 35W S76 120V 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	S76		
Lamp Type	35W HPS		
Number of Lamps	1 piece/unit		
Circuit Type	R-HPF		
Ballast Type	Magnetic HID		
Base Model	71A7707		
Core Size	2 5/8 x 2 3/16		
Suitable For Outdoor Use	Yes		
Ignitor Catalog Number	LI551-H4		
Ignitor Temperature Rating	105°C		
Capacitor Value	14 MFD		
Capacitor Catalog Number	7C140L12RA		
Capacitor Requirements	120V		
Capacitor Temperature Rating	105°C		
Capacitor Diameter/Oval Dimensions	1.25 in		
Capacitor Height	2.25 in		
Automatic Restart	No		
Operating and Electrical			
Input Voltage	120 V		

Input Frequency	60 Hz		
Input Current (Open Circuit)	0.65 A		
Input Current (Starting)	0.78 A		
Input Current (Short Circuit)	0.45-0.65 A		
Secondary Short Circuit Current	0.9-1.4 A		
Constant Wattage Deviation	Within Trapezoid		
Ballast Factor (Nom)	1		
Power Factor (Nom)	0.90		
Open Circuit Voltage	120 V		
Input Current (Nom)	0.38 A A		
Input Power (Nom)	46 W		
Rated Lamp Power	35 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 2'			
Recommended Fuse Value	2 A		

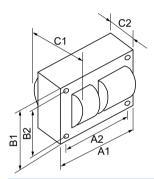
Datasheet, 2019, February 12 data subject to change

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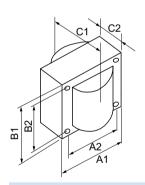
Approval and Application	
Open Circuit Voltage Test (Volts)	114-126 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029A
Product Data	
Order product name	CORE & COIL HID HPS BAL 35W S76 120V
	C&C

EAN/UPC - Product	781087770757
Order code	913700537409
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	8
Material Nr. (12NC)	913700537409
Net Weight (Piece)	0.672 kg

Dimensional drawing



HPS	BAI	35W	576	120V	C&C



HPS BAL 35W S76 120V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A7707500D	1.8 in	0.65 in	2.6 in	2.2 in	2.2 in	1.8 in

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A7707500D	1.8 in	0.65 in	2.6 in	2.2 in	2.2 in	1.8 in

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