



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

CORE & COIL HID HPS BAL 70W S62 120/277V 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	S62		
Lamp Type	70W HPS		
Number of Lamps	1 piece/unit		
Circuit Type	CWA		
Ballast Type	Magnetic HID		
Base Model	71A7988		
Core Size	3 X 4 (2 coil)		
Suitable For Outdoor Use	Yes		
Ignitor Catalog Number	LI551-J4		
Ignitor Temperature Rating	105°C		
Capacitor Value	28 MFD		
Capacitor Catalog Number	7C280P30RA		
Capacitor Requirements	170V		
Capacitor Temperature Rating	105°C		
Capacitor Diameter/Oval Dimensions	1.85 in		
Capacitor Height	3.7 in		
Automatic Restart	No		

Operating and Electrical			
Input Voltage	120/277 V		
Input Frequency	60 Hz		
Input Current (Open Circuit)	0.18/0.08 A		
Input Current (Starting)	0.85/0.36 A		
Input Current (Short Circuit)	0.7-1.1/0.3-0.5 A		
Secondary Short Circuit Current	2.0-2.6 A		
Constant Wattage Deviation	Within Trapezoid		
Ballast Factor (Nom)	1		
Power Factor (Nom)	0.90		
Open Circuit Voltage	105 V		
Input Current (Nom)	0.85/0.36 A A		
Input Power (Nom)	95 W		
Rated Lamp Power	70 W		
Wiring			
Wire Striplength	0.5 mm		
Wire Length by Color	12"		
Wire Type	Stranded		
Remote Wiring Configuration Allowed	Yes		

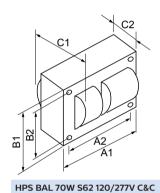
Datasheet, 2019, February 12 data subject to change

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Max Ballast-Lamp Distance Remote Wiring 5'					
Recommended Fuse Value	3/1 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	95-115 V				
Approval Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	A/D				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029D				

Product Data			
Order product name	CORE & COIL HID HPS BAL 70W S62		
	120/277V C&C		
EAN/UPC - Product	781087798850		
Order code	913700504621		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	4		
Material Nr. (12NC)	913700504621		
Net Weight (Piece)	2.559 kg		

Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A7988500D	2.8 in	1.5 in	3.9 in	3.5 in	2.8 in	2.4 in

