



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

## CORE & COIL HID HPS BAL 70W S62 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	S62
Lamp Type	70W HPS
Number of Lamps	1 piece/unit
Circuit Type	R-NPF
Ballast Type	Magnetic HID
Base Model	71A7907_NPF
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	NA
Capacitor Catalog Number	NA
Capacitor Requirements	NA
Capacitor Temperature Rating	NA
Automatic Restart	No
Operating and Electrical	
Input Voltage	120 V
Input Frequency	60 Hz
Input Current (Open Circuit)	0 A

Input Current (Starting)	2.1 A			
Input Current (Short Circuit)	1.9-2.9 A			
Secondary Short Circuit Current	1.9-2.9 A			
Constant Wattage Deviation	Within Trapezoid			
Ballast Factor (Nom)	1			
Power Factor (Nom)	0.43			
Open Circuit Voltage	120 V			
Input Current (Nom)	1.6 A A			
Input Power (Nom)	86 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			
Max Ballast-Lamp Distance Remote Wiring 2'				
Recommended Fuse Value	8 A			
Approval and Application				
Open Circuit Voltage Test (Volts)	114-126 V			

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

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 70W S62 120V				
	C&C				

EAN/UPC - Product	781087790762
Order code	913700500609
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	16
Material Nr. (12NC)	913700500609
Net Weight (Piece)	940.000 g

#### **Dimensional drawing**

	C1 C2
B1	A2
B2	A1

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CORE & COIL HID 71A7907600 2.5 in 1.3 in 2.6 in 2.2 in 2.2 in 1.8 in	Product	C1	C2	A1	A2	B1	B2	
	CORE & COIL HID 71A790	7600 2.5 in	1.3 in	2.6 in	2.2 in	2.2 in	1.8 in	



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www.lighting.philips.com 2019, February 12 - data subject to change