



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

## CORE & COIL HID HPS BAL 70W S62 480V 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	HX-HPF
Ballast Type	Magnetic HID
Base Model	71A7941
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-H4
Ignitor Temperature Rating	105°C
Capacitor Value	7 MFD
Capacitor Catalog Number	7C070L30RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.25 in
Capacitor Height	2.75 in
Automatic Restart	No
Operating and Electrical	
Input Voltage	480 V

Input Frequency	60 Hz
Input Current (Open Circuit)	0.36 A
Input Current (Starting)	0.21 A
Input Current (Short Circuit)	0.15-0.25 A
Secondary Short Circuit Current	1.8-2.2 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	120 V
Input Current (Nom)	0.21 A A
Input Power (Nom)	93 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	2 A

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### Approval and Application

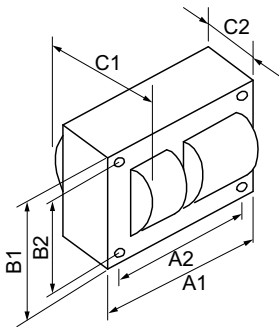
Open Circuit Voltage Test (Volts)	110-130 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029A

### Product Data

Order product name	CORE & COIL HID HPS BAL 70W S62 480V C&C
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EAN/UPC - Product	781087794159
Order code	913700537909
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	913700537909
Net Weight (Piece)	2.763 kg

### Dimensional drawing



HPS BAL 70W S62 480V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 70W S62 480V C&C	3.2 in	1.85 in	3.9 in	3.5 in	2.8 in	2.4 in

