



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

## CORE & COIL HID HPS BAL 70W S62 QUAD 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	71A7991
Core Size	3 X 4 (2 LW)
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	120/208/240/277 V

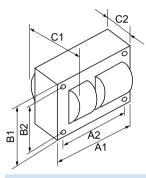
Input Frequency	60 Hz					
Inp. Current (Open Circuit)	1.46/0.86/0.73/0.64 A					
Input Current (Starting)	0.85/0.51/0.43/0.39 A					
Input Current (Short Circuit)	0.6-0.95/0.35-0.6/0.3-0.5/0.25-0.4 A					
Secondary Short Circuit Current	2.1-2.45 A					
Constant Wattage Deviation	Within Trapezoid					
Ballast Factor (Nom)	1					
Power Factor (Nom)	0.90					
Nominal Open Circuit Voltage	120 V					
Input Current (Operating) (Nom)	0.81/0.47/0.4/0.35 A A					
Input Power (Nom)	96 W					
Rated Lamp Watts	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	2'					
Wiring						

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Recommended Fuse Value	5/3/2/2 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	110-130 V				
Approbation Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	B/C/B/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 HPS BAL 70W S62 QUAD C&C
EAN/UPC - Product	781087799154
Order code	71A7991500D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	913700576009
Net Weight (Piece)	2.037 kg

#### Dimensional drawing



HPS BAL 70W S62 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 70W S62	2.9 in	1.52 in	3.9 in	3.5 in	2.8 in	2.4 in
QUAD C&C						



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