



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

# **CORE & COIL HID HPS BAL 70W S62 QUAD KIT**

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	71A7971				
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			
Input 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			
Open Circuit Voltage	120 V			
Input Current (Nom)	0.81/0.47/0.4/0.35 A A			
Input Power (Nom)	96 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	2'			
Wiring				

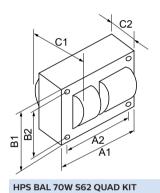
Datasheet, 2019, March 22 data subject to change

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Recommended Fuse Value	5/3/2/2 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	110-130 V				
Approval 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 KIT
EAN/UPC - Product	781087797112
Order code	913700501309
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700501309
Net Weight (Piece)	2.527 kg

## Dimensional drawing



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



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