



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-HPF				
Ballast Type	Magnetic HID				
Base Model	71A7907B				
Core Size	2 5/8 x 2 3/16				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	INTEGRAL				
Ignitor Temperature Rating	125°C				
Capacitor Value	28 MFD				
Capacitor Catalog Number	7C280M12RA				
Capacitor Requirements	120V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval Dimensions	1.65 in				
Capacitor Height	2.75 in				
Automatic Restart	No				
Operating and Electrical					
Input Voltage	120 V				

Input Frequency	60 Hz			
Input Current (Open Circuit)	1.3 A			
Input Current (Starting)	0.9 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)	0.90			
Open Circuit Voltage	120 V			
Input Current (Nom)	0.75 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	3 A			

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Approval and Application					
Open Circuit Voltage Test (Volts)	114-126 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					

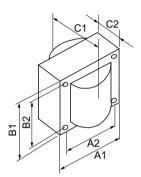
C&C

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EAN/UPC - Product	781087024669
Order code	913710526002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	16
Material Nr. (12NC)	913710526002
Net Weight (Piece)	1.021 kg

Order product name

Dimensional drawing



HPS BAL 70W S62 120V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 70W S62 120V	2.9 in	1.3 in	2.6 in	2.2 in	2.2 in	1.8 in
C&C						



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www.lighting.philips.com 2019, March 22 - data subject to change