



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

CORE & COIL HID 71A7971001D

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 Wiring	2'		
Recommended Fuse Value	5/3/2/2 A		

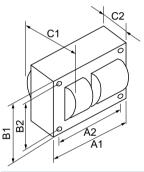
Datasheet, 2017, November 6 data subject to change

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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 71A7971001E		
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



HPS BAL 70W S62 QUAD KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A7971001D	2.9 in	1.52 in	3.9 in	3.5 in	2.8 in	2.4 in

