



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

## CORE & COIL HID HPS BAL 50W S68 120/277V 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	S68		
Lamp Type	50W HPS		
Number of Lamps	1 piece/unit		
Circuit Type	HX-HPF		
Ballast Type	Magnetic HID		
Base Model	71A7801		
Core Size	3 X 4 (2 coil)		
Suitable For Outdoor Use	Yes		
Ignitor Catalog Number	LI551-H4		
Ignitor Temperature Rating	105°C		
Capacitor Value	5 MFD		
Capacitor Catalog Number	7C050L30RA		
Capacitor Requirements	280V		
Capacitor Temperature Rating	105°C		
Capacitor Diameter/Oval Dimensions	1.25 in		
Capacitor Height	2.25 in		
Automatic Restart	No		
Operating and Electrical			
Input Voltage	120/277 V		

Input Frequency	60 Hz	
Input Current (Open Circuit)	1/0.45 A	
Input Current (Starting)	0.65/0.3 A	
Input Current (Short Circuit)	0.6-0.8/0.25-0.35 A	
Secondary Short Circuit Current	1.3-1.9 A	
Constant Wattage Deviation	Within Trapezoid	
Ballast Factor (Nom)	1	
Power Factor (Nom)	0.90	
Open Circuit Voltage	125 V	
Input Current (Nom)	0.61/0.26 A A	
Input Power (Nom)	66 W	
Rated Lamp Power	50 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	3/1 A	

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Approval	and	App	lication
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Open Circuit Voltage Test (Volts)	115-135 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A/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

CORE & COIL HID HPS BAL 50W S68

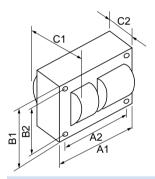
120/277V KIT

EAN/UPC - Product	781087081327
Order code	913700537609
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700537609
Net Weight (Piece)	2.110 kg

#### Product Data

Order product name

### **Dimensional drawing**



HPS BAL 50W S68 120/277V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 50W S68	2.2 in	1 in	3.9 in	3.5 in	2.8 in	2.4 in
120/277V KIT						



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