**PHILIPS** Lighting



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

## CORE & COIL HID HPS BAL 100W S54 120/208/240V 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	S54
Lamp Type	100W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWI
Ballast Type	Magnetic HID
Base Model	71A80E6
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-J4
Ignitor Temperature Rating	105°C
Capacitor Value	35 MFD
Capacitor Catalog Number	7C350P24RA
Capacitor Requirements	170V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.65 in
Capacitor Height	3.70 in
Automatic Restart	No

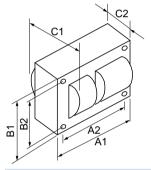
Operating and Electrical	
Input Voltage	120/208/240 V
Input Frequency	60 Hz
Input Current (Open Circuit)	0.7/0.4/0.35 A
Input Current (Starting)	0.7/0.4/0.35 A
Input Current (Short Circuit)	0.3-0.5/0.2-0.35/0.15-0.25 A
Secondary Short Circuit Current	2.6-3.2 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	108 V
Input Current (Nom)	1.22/0.7/0.61 A A
Input Power (Nom)	130 W
Rated Lamp Power	100 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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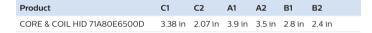
Max Ballast-Lamp Distance Remote	2'
Wiring	
Recommended Fuse Value	3/2/2 A
Approval and Application	
Open Circuit Voltage Test (Volts)	95-120 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/C/B
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029C

Preduct Data	
Product Data	
Order product name	CORE & COIL HID HPS BAL 100W S54
	120/208/240V C&C
EAN/UPC - Product	781087050125
Order code	913700538409
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700538409
Net Weight (Piece)	3.144 kg

#### **Dimensional drawing**



HPS BAL 100W S54 120/208/240V C&C





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