



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

## CORE & COIL HID HPS BAL 150W S55 127/220W 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	S55
Lamp Type	150W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A81H8A
Core Size	3 X 4 (2 LW)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-J4
Ignitor Temperature Rating	105°C
Capacitor Value	55 MFD
Capacitor Catalog Number	7C550P24RA
Capacitor Requirements	170V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.85 in
Capacitor Height	3.7 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	127/220 V
Input Frequency	60 Hz
Input Current (Open Circuit)	0.97/0.56 A
Input Current (Starting)	1.11/0.68 A
Input Current (Short Circuit)	0.7-1.05/0.4-0.61 A
Secondary Short Circuit Current	3.97-4.86 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	110 V
Input Current (Nom)	1.55/0.89 A A
Input Power (Nom)	198 W
Rated Lamp Power	150 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

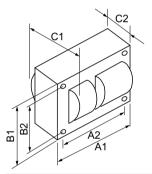
Datasheet, 2019, March 22 data subject to change

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

Max Ballast-Lamp Distance Remote Wiring 10'		
Recommended Fuse Value	5/3 A	
Approval and Application		
Open Circuit Voltage Test (Volts)	100-120 V	
Approval Marks	ULR NOM certificate RoHS Compliant	
Temperature Marking	D/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	1029D	
	1	

Product Data	
Order product name	CORE & COIL HID HPS BAL 150W S55
	127/220W C&C
EAN/UPC - Product	781087074886
Order code	913710655709
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710655709
Net Weight (Piece)	4.400 kg

#### Dimensional drawing



HPS BAL 150W S55 127/220W C&C

 Product
 C1
 C2
 A1
 A2
 B1
 B2

 CORE & COIL HID HPS BAL 150W S55
 4.54 in
 3.04 in
 3.9 in
 3.5 in
 2.8 in
 2.4 in

 127/220W C&C



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