

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

## CORE & COIL HID HPS BAL 150W S55 120/277/347V 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	S55
Lamp Type	150W HPS
Number of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	71A81A2
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-H4
Ignitor Temperature Rating	105°C
Capacitor Value	14 MFD
Capacitor Catalog Number	7C140M30RA
Capacitor Requirements	280V
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	120/277/347 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	2.8/1.25/0.92 A
Input Current (Starting)	2/0.85/0.52 A
Input Current (Short Circuit)	1.15-1.75/0.5-0.75/0.4-0.6 A
Secondary Short Circuit Current	3.95-4.85 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	120 V
Input Current (Operating) (Nom)	1.65/0.72/0.56 A A
Input Power (Nom)	188 W
Rated Lamp Watts	150 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	10/4/3 A

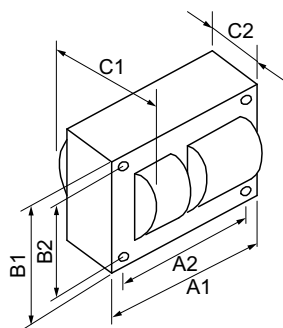
### Approval and Application

Open Circuit Voltage Test (Volts)	110-130 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/D/D
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

### Product Data

Order product name	CORE & COIL HID HPS BAL 150W S55 120/277/347V KIT
EAN/UPC - Product	781087028377
Order code	71A81A2001D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700526509
Net Weight (Piece)	3.697 kg

### Dimensional drawing



HPS BAL 150W S55 120/277/347V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 150W S55 120/277/347V KIT	3.8 in	2.6 in	3.9 in	3.5 in	2.8 in	2.4 in

