



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

CORE & COIL HID HPS BAL 150W S55 120/220/240/277V 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		Operating and Electrical	
ANSI Code	S55	Input Voltage	120/220/240/277 V
Lamp Type	150W HPS	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Inp. Current (Open Circuit)	2.8/1.52/1.4/1.25 A
Circuit Type	HX-HPF	Input Current (Starting)	2/1.09/1/0.85 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	1.15-1.75/0.76-1.14/0.55-0.85/0.5-0.75 A
Base Model	71A9936	Secondary Short Circuit Current	3.95-4.85 A
Core Size	3 X 4 (2 coil)	Constant Wattage Deviation	Within Trapezoid
Suitable For Outdoor Use	Yes	Ballast Factor (Nom)	1
Ignitor Catalog Number	LI551-H4	Power Factor (Nom)	0.90
Ignitor Temperature Rating	105°C	Nominal Open Circuit Voltage	120 V
Capacitor Value	14 MFD	Input Current (Operating) (Nom)	1.65/0.9/0.83/0.72 A A
Capacitor Catalog Number	7C140M30RA	Input Power (Nom)	188 W
Capacitor Requirements	280V	Rated Lamp Watts	150 W
Capacitor Temperature Rating	105°C	Wiring	
Capacitor Diameter/Oval	1.65 in	Wire Striplength	0.5 mm
Dimensions		Wire Length by Color	12"
Capacitor Height	2.75 in	Wire Type	Stranded
Automatic Restart	No		

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

Remote Wiring Configuration	Yes
Allowed	
Max Ballast-Lamp Distance	2'
Remote Wiring	
Recommended Fuse Value	10/5/5/4 A

Approval and Application

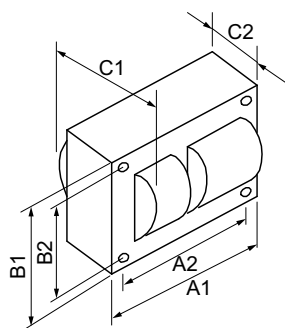
Open Circuit Voltage Test (Volts)	110-130 V
Approbation Marks	NOM certificate RoHS Compliant
Temperature Marking	D/E/C/C
UL Recognized	No
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029E
---------------------	-------

Product Data

Order product name	CORE & COIL HID HPS BAL 150W S55 120/220/240/277V C&C
EAN/UPC - Product	781087027011
Order code	71A9936500DML
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710562102
Net Weight (Piece)	3.661 kg

Dimensional drawing



HPS BAL 150W S55 120/220/240/277V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 150W S55 120/220/240/277V C&C	3.8 in	2.5 in	3.9 in	3.5 in	2.8 in	2.4 in

