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

CORE & COIL HID HPS BAL 150W S55 120V 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	R-NPF
Ballast Type	Magnetic HID
Base Model	71A8107_NPF
Core Size	2 5/8 x 2 3/16
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-H4
Ignitor Temperature Rating	105°C
Capacitor Value	NA
Capacitor Catalog Number	NA
Capacitor Requirements	NA
Capacitor Temperature Rating	NA
Automatic Restart	No

Operating and Electrical

Input Voltage	120 V
Input Frequency	60 Hz
Input Current (Open Circuit)	0 A

Input Current (Starting)	4.5 A
Input Current (Short Circuit)	3.65–5.55 A
Secondary Short Circuit Current	3.65–5.55 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	120 V
Input Current (Nom)	3.2 A A
Input Power (Nom)	170 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
Max Ballast–Lamp Distance Remote Wiring	2'
Recommended Fuse Value	15 A

Approval and Application

Open Circuit Voltage Test (Volts)	114–126 V

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

Approval Marks	CSA certificate RoHS Compliant
Temperature Marking	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

EAN/UPC – Product	781087046357
Order code	913700500211
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	16
Material Nr. (12NC)	913700500211
Net Weight (Piece)	1.556 kg

Product Data

Order product name	CORE & COIL HID HPS BAL 150W S55 120V C&C

Dimensional drawing
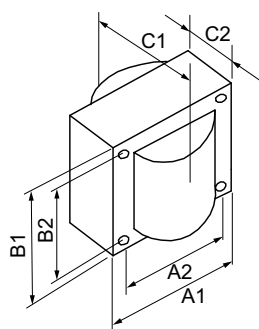
Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8107600	3.30 in	2 in	2.6 in	2.2 in	2.2 in	1.8 in

HPS BAL 150W S55 120V C&C

www.lighting.philips.com

2019, February 12 – data subject to change