

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

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	71A8172
Core size	3 X 4 (2 LW)
Suitable for outdoor use	Yes
Ignitor catalogue number	LI551-H4
Ignitor temperature rating	105°C
Capacitor value	14 MFD
Capacitor catalogue 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	120/208/240/277 V
Input frequency	60 Hz
Input current (open circuit)	2.8/1.6/1.4/1.25 A
Input current (starting)	2/1.15/1/0.85 A

Input current (short circuit)	1.15-1.75/0.65-1/0.55-0.85/0.5-0.75 A
Secondary short-circuit current	3.95-4.85 A
Constant wattage deviation	Within Trapezoid
Ballast factor (nom.)	1
Power factor (nom.)	0.90
Open circuit voltage	120 V
Input current (nom.)	1.65/0.95/0.83/0.72 A A
Input power (nom.)	190 W
Rated lamp power	150 W

Wiring	
Wire strip length	0.5 mm
Wire length by colour	12"
Wire type	Stranded
Remote wiring configuration allowed	Yes
Max. ballast-lamp distance remote wiring	2'
Recommended fuse value	10/5/5/4 A

Approval and Application	
Open circuit voltage test (volts)	110-130 V
Approval marks	ULR CSA certificate RoHS Compliant
Temperature marking	E/E/E/E
UL recognised	Yes

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

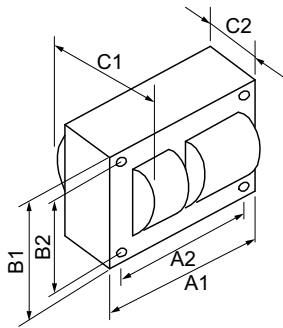
Hipot test (1 minute)	2000 V
Hipot test (2 seconds)	2500 V
UL insulation class	H(180°C)
UL temperature code	1029E

### Product Data

Order product name	CORE & COIL HID HPS BAL 150W S55 QUAD KIT
--------------------	---

EAN/UPC – product	781087817216
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	913700556509
Net weight (piece)	3.688 kg

### Dimensional drawing



HPS BAL 150W S55 QUAD KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 150W S55 QUAD KIT	4.2 in	2.5 in	3.9 in	3.5 in	2.8 in	2.4 in

