



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

## CORE & COIL HID 71A8172001D

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		Input Frequency	
ANSI Code	S55	Input Frequency	60 Hz
Lamp Type	150W HPS	Input Current (Open Circuit)	2.8/1.6/1.4/1.25 A
Number of Lamps	1 piece/unit	Input Current (Starting)	2/1.15/1/0.85 A
Circuit Type	HX-HPF	Input Current (Short Circuit)	1.15-1.75/0.65-1/0.55-0.85/0.5-0.75 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	3.95-4.85 A
Base Model	71A8172	Constant Wattage Deviation	Within Trapezoid
Core Size	3 X 4 (2 LW)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	LI551-H4	Open Circuit Voltage	120 V
Ignitor Temperature Rating	105°C	Input Current (Nom)	1.65/0.95/0.83/0.72 A A
Capacitor Value	14 MFD	Input Power (Nom)	190 W
Capacitor Catalog Number	7C140M30RA	Rated Lamp Power	150 W
Capacitor Requirements	280V	<b>Wiring</b>	
Capacitor Temperature Rating	105°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.65 in	Wire Length by Color	12"
Capacitor Height	2.75 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
<b>Operating and Electrical</b>		Max Ballast-Lamp Distance Remote Wiring	2'
Input Voltage	120/208/240/277 V	Recommended Fuse Value	10/5/5/4 A

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### 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 Recognized	Yes
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 71A8172001D
EAN/UPC - Product	781087817216
Order code	913700556509
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (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 71A8172001D	4.2 in	2.5 in	3.9 in	3.5 in	2.8 in	2.4 in





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