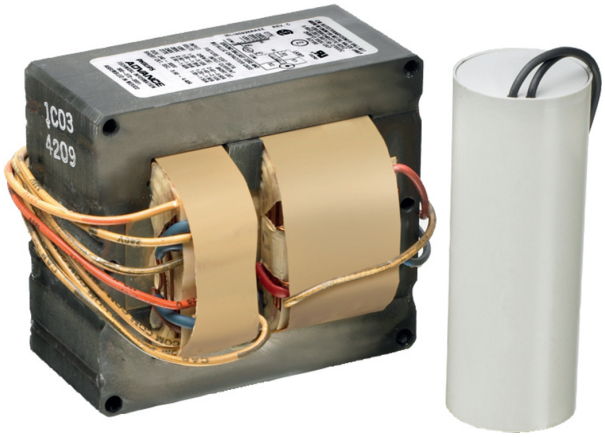


Core & Coil (71A) HPS < 200W

CORE & COIL HID HPS BAL 150W S55 QUAD 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	71A8172
Core Size	3 X 4 (2 LW)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-H4
Ignitor Temperature Rating	105°C
Capacitor Value	14 MFD
Capacitor Catalog Number	7C140M30RA
Capacitor Require-ments	280V
Capacitor Tempera-ture 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
Inp. 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
Nominal Open Circuit Voltage	120 V
Input Current (Oper-ating) (Nom)	1.65/0.95/0.83/0.72 A A
Input Power (Nom)	190 W
Rated Lamp Watts	150W 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	10/5/5/4 A

• Approval and Application

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

PHILIPS

Core & Coil (71A) HPS < 200W

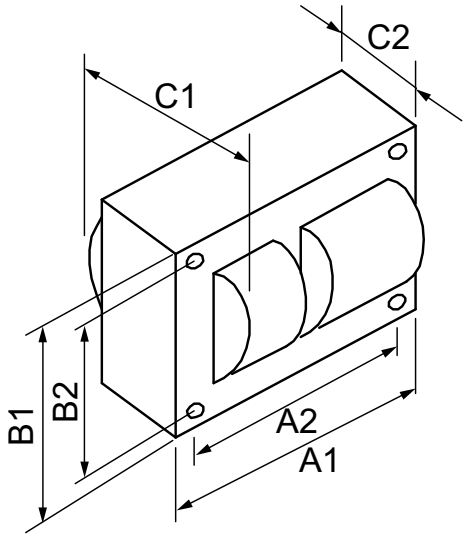
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029E

EAN/UPC - Product	781087817216
Order code	71A8172001D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700556509
Net Weight (Piece)	3.888 kg

- Product Data

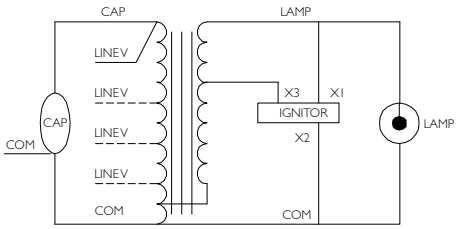
Order product name	CORE & COIL HID 71A8172001D

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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2015, December 24
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