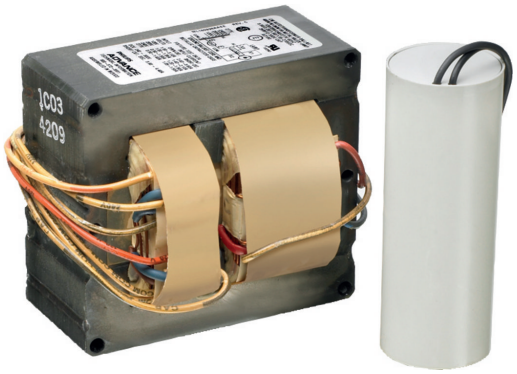
PHILIPS

Lighting



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

CORE & COIL HID HPS BAL 150W S56 QUAD 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	S56
Lamp Type	150W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A8196
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI501-H4
Ignitor Temperature Rating	105°C
Capacitor Value	20 MFD
Capacitor Catalog Number	7C200P30RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.58 in
Capacitor Height	3.62 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/208/240/277 V
Input Frequency	60 Hz
Input Current (Open Circuit)	0.8/0.5/0.4/0.35 A
Input Current (Starting)	1.2/0.7/0.6/0.5 A
Input Current (Short Circuit)	0.8-1.2/0.45-0.7/0.4-0.6/0.35-0.55 A
Secondary Short Circuit Current	2.2-2.7 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	180 V
Input Current (Nom)	1.75/1/0.88/0.75 A A
Input Power (Nom)	188 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'

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

Recommended Fuse Value	5/3/3/3 A

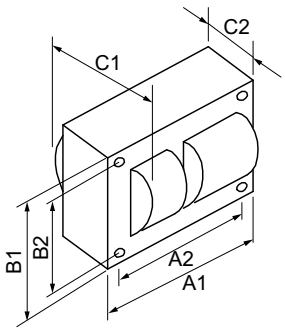
Approval and Application

Open Circuit Voltage Test (Volts)	165-200 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	E/D/C/C
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 HPS BAL 150W S56 QUAD C&C
EAN/UPC - Product	781087819654
Order code	490003
Local order code	490003
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710423602
Net Weight (Piece)	3.552 kg

Dimensional drawing



HPS BAL 150W S56 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8196500D	4.1 in	2.5 in	3.9 in	3.5 in	2.8 in	2.4 in

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