

Reliable performance

Core & Coil (71A) HPS 200W – 400W

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.

Benefits

- Vacuum-pressure impregnation is used to re-enforce the electrical insulation of the ballast, preclude moisture, inhibit noise, and dissipate heat
- Pre-insulated voltage leads reduce the risk of shock and shrink installation time

Features

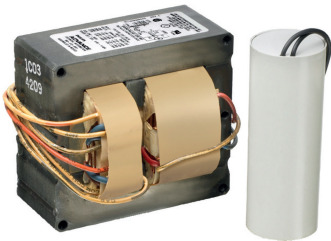
- Vacuum-pressure impregnated with a silica-filled polyester varnish
- All core and coil ballasts below 600W utilize a UL Class H (180°C) insulation system
- C and C ballasts 600W and higher utilize a UL Class N (200°C) insulation system
- Pre-insulated voltage leads
- Ballast kits supplied with pre-wired ignitor

Application

- High bay retail, manufacturing, gymnasiums, warehouses, parking structures, outdoor

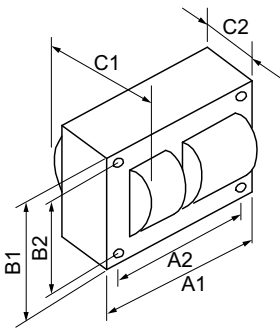
Core & Coil (71A) HPS 200W - 400W

Versions



71A82N1500D

Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A84N3500D	4.1 in	2.5 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8443500DT	4 in	2.30 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8291500DMLA	3.82 in	1.8 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8291600DA	3.82 in	1.8 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8493620DA	4.00 in	2.09 in				
CORE & COIL HID 71A8291500DA	3.82 in	1.8 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8493520D	4.30 in	2.65 in				
CORE & COIL HID 71A8493500DMLA	4.30 in	2.65 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8493500DA	4.30 in	2.65 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8443620T	4.00 in	2.30 in				
CORE & COIL HID 71A8453500D	4.84 in	2.65 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8453001D	4.84 in	2.65 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8251001D	3.6 in	2 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A84Y3500D	4.20 in	2.30 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A82J3500D	3.4 in	1.8 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A82H1500DMLA	3.55 in	1.82 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8990500D	3 in	1.2 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8443001D	4.3 in	2.8 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8241001D	3.45 in	1.8 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8473001D	4.30 in	2.65 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8271001D	3.82 in	1.8 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8970001D	3 in	1.2 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A84E6500D	4.40 in	2.65 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A84A3001D	4.10 in	2.30 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A82A1001D	3.60 in	1.94 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A84A3500D	4.10 in	2.30 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8493500D	4 in	2.09 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A82A1500D	3.60 in	1.94 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A8493001DC	4.30 in	2.65 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A82N1500D	3.7 in	2.1 in	4.8 in	4.4 in	4.3 in	3.9 in

General Information

Number Of Lamps1 piece/unit

Core & Coil (71A) HPS 200W - 400W

Operating and Electrical

Order Code	Full Product Name	Input	
		Frequency	Input Voltage
913700500411	CORE & COIL HID HPS BAL 250W S50 120/220-240V 50HZ C&C	50 Hz	120/230 V
913700503109	CORE & COIL HID HPS BAL 400W S51 QUAD KIT	60 Hz	120/208/240/277 V
913700505581	CORE & COIL HID HPS BAL 250W S50 120/277/347V C&C	60 Hz	120/277/347 V
913700505821	CORE & COIL HID HPS BAL 400W S51 480V/120T C&C	60 Hz	480/120T V
913700505871	CORE & COIL HID HPS BAL 400W S51 QUAD C&C	60 Hz	120/208/240/277 V
913700505891	CORE & COIL HID HPS BAL 400W S51 120/277/347V C&C	60 Hz	120/277/347 V
913700505991	CORE & COIL HID HPS BAL 400W S51 120/220-240V 50HZ C&C	50 Hz	120/230 V
913700526609	CORE & COIL HID HPS BAL 250W S50 120/277/347V KIT	60 Hz	120/277/347 V
913700526709	CORE & COIL HID HPS BAL 400W S51 120/277/347V KIT	60 Hz	120/277/347 V
913700539809	CORE & COIL HID HPS BAL 400W S51 120/208/240V C&C	60 Hz	120/208/240 V
913700540509	CORE & COIL HID HPS BAL 200W S66 QUAD KIT	60 Hz	120/208/240/277 V
913700556609	CORE & COIL HID HPS BAL 250W S50 QUAD KIT	60 Hz	120/208/240/277 V
913700556709	CORE & COIL HID HPS BAL 400W S51 QUAD KIT	60 Hz	120/208/240/277 V
913700566309	CORE & COIL HID HPS BAL 250W S50 480V/120T KIT	60 Hz	480 V
913700577709	CORE & COIL HID HPS BAL 400W S51 480V/120T KIT	60 Hz	480/120T V

Order Code	Full Product Name	Input	
		Frequency	Input Voltage
913700578709	CORE & COIL HID HPS BAL 200W S66 QUAD C&C	60 Hz	120/208/240/277 V
913701146012	CORE & COIL HID HPS BAL 250W S50 127/220V C&C	60 Hz	127/220 V
913701150802	CORE & COIL HID HPS BAL 250W S50 230V C&C	60 Hz	230 V
913701151202	CORE & COIL HID HPS BAL 400W S51 230/400/480V C&C	60 Hz	230/400/480 V
913710414701	CORE & COIL HID HPS BAL 250W S50 5-TAP KIT	60 Hz	120/208/240/277/480 V
913710414801	CORE & COIL HID HPS BAL 400W S51 5-TAP KIT	60 Hz	120/208/240/277/480 V
913710414802	CORE & COIL HID HPS BAL 400W S51 5-TAP C&C	60 Hz	120/208/240/277/480 V
913710549802	CORE & COIL HID HPS BAL 400W S51 480V/120T C&C	60 Hz	480/120T V
913710551202	CORE & COIL HID HPS BAL 400W S51 QUAD C&C	60 Hz	120/208/240/277 V
913710551219	CORE & COIL HID HPS BAL 400W S51 QUAD C&C	60 Hz	120/208/240/277 V
913710551402	CORE & COIL HID HPS BAL 400W S51 QUAD C&C	60 Hz	120/208/240/277 V
913710605302	CORE & COIL HID HPS BAL 250W S50 QUAD C&C	60 Hz	120/208/240/277 V
913710657702	CORE & COIL HID HPS BAL 400W S51 QUAD C&C	60 Hz	120/208/240/277 V
913710661703	CORE & COIL HID HPS BAL 250W S50 QUAD C&C	60 Hz	120/208/240/277 V
913710664002	CORE & COIL HID HPS BAL 250W S50 QUAD C&C	60 Hz	120/208/240/277 V

General Information

Order Code	Full Product Name	Capacitor	
		Value	Lamp Type
913700500411	CORE & COIL HID HPS BAL 250W S50 120/220-240V 50HZ C&C	40 MFD	250W HPS
913700503109	CORE & COIL HID HPS BAL 400W S51 QUAD KIT	55 MFD	400W HPS
913700505581	CORE & COIL HID HPS BAL 250W S50 120/277/347V C&C	35 MFD	250W HPS
913700505821	CORE & COIL HID HPS BAL 400W S51 480V/120T C&C	55 MFD	400W HPS
913700505871	CORE & COIL HID HPS BAL 400W S51 QUAD C&C	55 MFD	400W HPS
913700505891	CORE & COIL HID HPS BAL 400W S51 120/277/347V C&C	55 MFD	400W HPS

Order Code	Full Product Name	Capacitor	
		Value	Lamp Type
913700505991	CORE & COIL HID HPS BAL 400W S51 120/220-240V 50HZ C&C	64 MFD	400W HPS
913700526609	CORE & COIL HID HPS BAL 250W S50 120/277/347V KIT	35 MFD	250W HPS
913700526709	CORE & COIL HID HPS BAL 400W S51 120/277/347V KIT	55 MFD	400W HPS
913700539809	CORE & COIL HID HPS BAL 400W S51 120/208/240V C&C	48 MFD	400W HPS
913700540509	CORE & COIL HID HPS BAL 200W S66 QUAD KIT	28 MFD	200W HPS
913700556609	CORE & COIL HID HPS BAL 250W S50 QUAD KIT	35 MFD	250W HPS

Core & Coil (71A) HPS 200W - 400W

Order Code	Full Product Name	Capacitor	
		Value	Lamp Type
913700556709	CORE & COIL HID HPS BAL 400W S51 QUAD KIT	55 MFD	400W HPS
913700566309	CORE & COIL HID HPS BAL 250W S50 480V/120T KIT	35 MFD	250W HPS
913700577709	CORE & COIL HID HPS BAL 400W S51 480V/120T KIT	55 MFD	400W HPS
913700578709	CORE & COIL HID HPS BAL 200W S66 QUAD C&C	28 MFD	200W HPS
913701146012	CORE & COIL HID HPS BAL 250W S50 127/220V C&C	35 MFD	250W HPS
913701150802	CORE & COIL HID HPS BAL 250W S50 230V C&C	35 MFD	250W HPS
913701151202	CORE & COIL HID HPS BAL 400W S51 230/400/480V C&C	55 MFD	400W HPS
913710414701	CORE & COIL HID HPS BAL 250W S50 5- TAP KIT	35 MFD	250W HPS
913710414801	CORE & COIL HID HPS BAL 400W S51 5- TAP KIT	55 MFD	400W HPS

Order Code	Full Product Name	Capacitor	
		Value	Lamp Type
913710414802	CORE & COIL HID HPS BAL 400W S51 5- TAP C&C	55 MFD	400W HPS
913710549802	CORE & COIL HID HPS BAL 400W S51 480V/120T C&C	55 MFD	400W HPS
913710551202	CORE & COIL HID HPS BAL 400W S51 QUAD C&C	55 MFD	400W HPS
913710551219	CORE & COIL HID HPS BAL 400W S51 QUAD C&C	55 MFD	400W HPS
913710551402	CORE & COIL HID HPS BAL 400W S51 QUAD C&C	55 MFD	400W HPS
913710605302	CORE & COIL HID HPS BAL 250W S50 QUAD C&C	35 MFD	250W HPS
913710657702	CORE & COIL HID HPS BAL 400W S51 QUAD C&C	55 MFD	400W HPS
913710661703	CORE & COIL HID HPS BAL 250W S50 QUAD C&C	35 MFD	250W HPS
913710664002	CORE & COIL HID HPS BAL 250W S50 QUAD C&C	35 MFD	250W HPS

Mechanical and Housing

Order Code	Full Product Name	Housing
913700500411	CORE & COIL HID HPS BAL 250W S50 120/220-240V 50HZ C&C	-
913700503109	CORE & COIL HID HPS BAL 400W S51 QUAD KIT	-
913700505581	CORE & COIL HID HPS BAL 250W S50 120/277/347V C&C	-
913700505821	CORE & COIL HID HPS BAL 400W S51 480V/120T C&C	-
913700505871	CORE & COIL HID HPS BAL 400W S51 QUAD C&C	-
913700505891	CORE & COIL HID HPS BAL 400W S51 120/277/347V C&C	-
913700505991	CORE & COIL HID HPS BAL 400W S51 120/220-240V 50HZ C&C	-
913700526609	CORE & COIL HID HPS BAL 250W S50 120/277/347V KIT	-
913700526709	CORE & COIL HID HPS BAL 400W S51 120/277/347V KIT	-
913700539809	CORE & COIL HID HPS BAL 400W S51 120/208/240V C&C	-
913700540509	CORE & COIL HID HPS BAL 200W S66 QUAD KIT	-
913700556609	CORE & COIL HID HPS BAL 250W S50 QUAD KIT	-
913700556709	CORE & COIL HID HPS BAL 400W S51 QUAD KIT	-
913700566309	CORE & COIL HID HPS BAL 250W S50 480V/120T KIT	-

Order Code	Full Product Name	Housing
913700577709	CORE & COIL HID HPS BAL 400W S51 480V/120T KIT	-
913700578709	CORE & COIL HID HPS BAL 200W S66 QUAD C&C	-
913701146012	CORE & COIL HID HPS BAL 250W S50 127/220V C&C	-
913701150802	CORE & COIL HID HPS BAL 250W S50 230V C&C	-
913701151202	CORE & COIL HID HPS BAL 400W S51 230/400/480V C&C	-
913710414701	CORE & COIL HID HPS BAL 250W S50 5-TAP KIT	-
913710414801	CORE & COIL HID HPS BAL 400W S51 5-TAP KIT	-
913710414802	CORE & COIL HID HPS BAL 400W S51 5-TAP C&C	-
913710549802	CORE & COIL HID HPS BAL 400W S51 480V/120T C&C	NA
913710551202	CORE & COIL HID HPS BAL 400W S51 QUAD C&C	-
913710551219	CORE & COIL HID HPS BAL 400W S51 QUAD C&C	-
913710551402	CORE & COIL HID HPS BAL 400W S51 QUAD C&C	NA
913710605302	CORE & COIL HID HPS BAL 250W S50 QUAD C&C	-
913710657702	CORE & COIL HID HPS BAL 400W S51 QUAD C&C	NA
913710661703	CORE & COIL HID HPS BAL 250W S50 QUAD C&C	-
913710664002	CORE & COIL HID HPS BAL 250W S50 QUAD C&C	-

