

Reliable performance

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.

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

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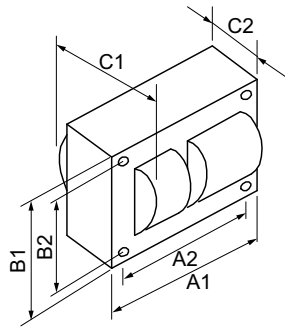
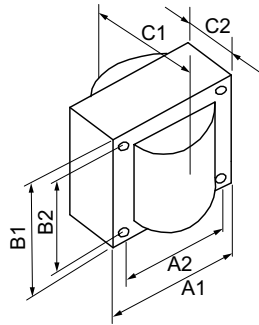
Versions



71A8107600

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Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A7707001DB	2.2 in	0.65 in	2.6 in	2.2 in	2.2 in	1.8 in
CORE & COIL HID 71A8107500DB	3.6 in	2 in	2.6 in	2.2 in	2.2 in	1.8 in
CORE & COIL HID 71A8107500D	3.3 in	2 in	2.6 in	2.2 in	2.2 in	1.8 in
CORE & COIL HID 71A8007500D	2.8 in	1.5 in	2.6 in	2.2 in	2.2 in	1.8 in
CORE & COIL HID 71A8107600B	3.60 in	2 in	2.6 in	2.2 in	2.2 in	1.8 in
CORE & COIL HID 71A7907600B	2.90 in	1.3 in	2.6 in	2.2 in	2.2 in	1.8 in
CORE & COIL HID 71A8007001DB	3 in	1.5 in	2.6 in	2.2 in	2.2 in	1.8 in
CORE & COIL HID 71A8107001DB	3.6 in	2 in	2.6 in	2.2 in	2.2 in	1.8 in
CORE & COIL HID 71A7907001DB	2.9 in	1.3 in	2.6 in	2.2 in	2.2 in	1.8 in
CORE & COIL HID 71A7807001DB	2.7 in	0.95 in	2.6 in	2.2 in	2.2 in	1.8 in
CORE & COIL HID 71A7907500D	2.5 in	1.3 in	2.6 in	2.2 in	2.2 in	1.8 in

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8146001D	3.8 in	2.5 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A8142001D	4.3 in	3 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A8041001D	3.6 in	2.25 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A7941500D	3.2 in	1.85 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A7801001D	2.2 in	1 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A81A2001D	3.8 in	2.6 in	3.9 in	3.5 in	2.8 in	2.4 in
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 71A79N1500D	3.1 in	1.85 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A8192500D	4.2 in	2.5 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A8091500D	3.45 in	2 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A8192001DC	4.2 in	2.5 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A7971001D	2.9 in	1.52 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A81N2500D	4.2 in	2.95 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A7991500D	2.9 in	1.52 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A8172001D	4.2 in	2.5 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A8071001D	3.45 in	2 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A80A1001D	3.6 in	2.25 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A79A1001D	3.1 in	1.5 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID HPS BAL 150W S55 120/277/347V C&C	3.8 in	2.6 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A80N1500D	3.70 in	2.40 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A80A1500D	3.6 in	2.25 in	3.9 in	3.5 in	2.8 in	2.4 in

General Information

Number Of Lamps	1 piece/unit
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Operating and Electrical

Order Code	Full Product Name	Input Frequency	Input Voltage
176305	CORE & COIL HID HPS BAL 150W S55 120/220/240V 50HZ C&C	50 Hz	120/220/240 V
132092	CORE & COIL HID HPS BAL 50W S68 120V KIT	60 Hz	120 V

Order Code	Full Product Name	Input Frequency	Input Voltage
132100	CORE & COIL HID HPS BAL 70W S62 120V KIT	60 Hz	120 V
132118	CORE & COIL HID HPS BAL 150W S55 120V KIT	60 Hz	120 V

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Order Code	Full Product Name	Input Frequency	Input Voltage
176081	CORE & COIL HID HPS BAL 70W S62 QUAD KIT	60 Hz	120/208/240/277 V
132950	CORE & COIL HID HPS BAL 100W S54 120V KIT	60 Hz	120 V
176859	CORE & COIL HID HPS BAL 70W S62 120V C&C	60 Hz	120 V
176867	CORE & COIL HID HPS BAL 150W S55 120V C&C	60 Hz	120 V
175687	CORE & COIL HID HPS BAL 150W S55 QUAD KIT	60 Hz	120/208/240/277 V
179408	CORE & COIL HID HPS BAL 70W S62 120/220/240V 50HZ C&C	50 Hz	120/220/240 V
179598	CORE & COIL HID HPS BAL 100W S54 120/277/347V C&C	60 Hz	120/277/347 V
179663	CORE & COIL HID HPS BAL 100W S54 120/220/240/V 50HZ C&C	50 Hz	120/220/240 V
179846	CORE & COIL HID HPS BAL 150W S55 120/277/347V C&C	60 Hz	120/277/347 V
180547	CORE & COIL HID HPS BAL 400W S51 120/220-240V 50HZ C&C	50 Hz	120/230 V
191932	CORE & COIL HID HPS BAL 70W S62 120V C&C	60 Hz	120 V
191940	CORE & COIL HID HPS BAL 70W S62 120/277/347V KIT	60 Hz	120/277/347 V
191956	CORE & COIL HID HPS BAL 100W S54 120/277/347V KIT	60 Hz	120/277/347 V
191964	CORE & COIL HID HPS BAL 100W S54 120V C&C	60 Hz	120 V

General Information

Order Code	Full Product Name	Capacitor Value	Lamp Type
176305	CORE & COIL HID HPS BAL 150W S55 120/220/240V 50HZ C&C	17.5 MFD	150W HPS
132092	CORE & COIL HID HPS BAL 50W S68 120V KIT	20 MFD	50W HPS
132100	CORE & COIL HID HPS BAL 70W S62 120V KIT	28 MFD	70W HPS
132118	CORE & COIL HID HPS BAL 150W S55 120V KIT	55 MFD	150W HPS
176081	CORE & COIL HID HPS BAL 70W S62 QUAD KIT	7 MFD	70W HPS
132950	CORE & COIL HID HPS BAL 100W S54 120V KIT	36 MFD	100W HPS
176859	CORE & COIL HID HPS BAL 70W S62 120V C&C	NA	70W HPS
176867	CORE & COIL HID HPS BAL 150W S55 120V C&C	NA	150W HPS
175687	CORE & COIL HID HPS BAL 150W S55 QUAD KIT	14 MFD	150W HPS

Order Code	Full Product Name	Input Frequency	Input Voltage
191972	CORE & COIL HID HPS BAL 150W S55 120V C&C	60 Hz	120 V
191980	CORE & COIL HID HPS BAL 150W S55 120V C&C	60 Hz	120 V
191998	CORE & COIL HID HPS BAL 150W S55 120/277/347V KIT	60 Hz	120/277/347 V
193318	CORE & COIL HID HPS BAL 50W S68 120/277V KIT	60 Hz	120/277 V
193334	CORE & COIL HID HPS BAL 70W S62 480V C&C	60 Hz	480 V
193367	CORE & COIL HID HPS BAL 100W S54 480V KIT	60 Hz	480 V
193383	CORE & COIL HID HPS BAL 150W S55 480V KIT	60 Hz	480 V
193391	CORE & COIL HID HPS BAL 150W S56 480V C&C KIT	60 Hz	480 V
190371	CORE & COIL HID HPS BAL 100W S54 QUAD KIT	60 Hz	120/208/240/277 V
190389	CORE & COIL HID HPS BAL 150W S55 QUAD KIT	60 Hz	120/208/240/277 V
505636	CORE & COIL HID HPS BAL 70W S62 QUAD C&C	60 Hz	120/208/240/277 V
399295	CORE & COIL HID HPS BAL 100W S54 QUAD C&C	60 Hz	120/208/240/277 V
505727	CORE & COIL HID HPS BAL 150W S55 QUAD C&C	60 Hz	120/208/240/277 V
119115	CORE & COIL HID HPS BAL 35W S76 120V KIT	60 Hz	120 V

Order Code	Full Product Name	Capacitor Value	Lamp Type
179408	CORE & COIL HID HPS BAL 70W S62 120/220/240V 50HZ C&C	8.4 MFD	70W HPS
179598	CORE & COIL HID HPS BAL 100W S54 120/277/347V C&C	10 MFD	100W HPS
179663	CORE & COIL HID HPS BAL 100W S54 120/220/240/V 50HZ C&C	12 MFD	100W HPS
179846	CORE & COIL HID HPS BAL 150W S55 120/277/347V C&C	14 MFD	150W HPS
180547	CORE & COIL HID HPS BAL 400W S51 120/220-240V 50HZ C&C	64 MFD	400W HPS
191932	CORE & COIL HID HPS BAL 70W S62 120V C&C	28 MFD	70W HPS
191940	CORE & COIL HID HPS BAL 70W S62 120/277/347V KIT	7 MFD	70W HPS
191956	CORE & COIL HID HPS BAL 100W S54 120/277/347V KIT	10 MFD	100W HPS
191964	CORE & COIL HID HPS BAL 100W S54 120V C&C	36 MFD	100W HPS

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Order Code	Full Product Name	Capacitor Value	Lamp Type
191972	CORE & COIL HID HPS BAL 150W S55 120V C&C	55 MFD	150W HPS
191980	CORE & COIL HID HPS BAL 150W S55 120V C&C	55 MFD	150W HPS
191998	CORE & COIL HID HPS BAL 150W S55 120/277/347V KIT	14 MFD	150W HPS
193318	CORE & COIL HID HPS BAL 50W S68 120/277V KIT	5 MFD	50W HPS
193334	CORE & COIL HID HPS BAL 70W S62 480V C&C	7 MFD	70W HPS
193367	CORE & COIL HID HPS BAL 100W S54 480V KIT	10 MFD	100W HPS
193383	CORE & COIL HID HPS BAL 150W S55 480V KIT	14 MFD	150W HPS

Order Code	Full Product Name	Capacitor Value	Lamp Type
193391	CORE & COIL HID HPS BAL 150W S56 480V C&C KIT	20 MFD	150W HPS
190371	CORE & COIL HID HPS BAL 100W S54 QUAD KIT	10 MFD	100W HPS
190389	CORE & COIL HID HPS BAL 150W S55 QUAD KIT	14 MFD	150W HPS
505636	CORE & COIL HID HPS BAL 70W S62 QUAD C&C	7 MFD	70W HPS
399295	CORE & COIL HID HPS BAL 100W S54 QUAD C&C	10 MFD	100W HPS
505727	CORE & COIL HID HPS BAL 150W S55 QUAD C&C	14 MFD	150W HPS
119115	CORE & COIL HID HPS BAL 35W S76 120V KIT	14 MFD	35W HPS

