

Reliable performance

Core & Coil (71A) MH 175W - 450W

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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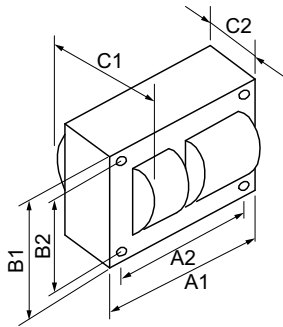
Versions



71A55N0500

Core & Coil (71A) MH 175W - 450W

Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A57H0500DMLA	3.15 in	1.65 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5790500DMLA	165.1 mm	88.9 mm	111.76 mm	146.05 mm		
CORE & COIL HID 71A5742520DTEE	4.05 in	2.15 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5742500DTEE	4.05 in	2.15 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5543500DTEE	4.20 in	3.10 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A5593500DEE	4.41 in	3.20 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A6092500DMLA	4.10 in	2.10 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A6041500DMLA	4 in	2.13 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5792500DMLA	3.10 in	1.5 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5842001DT	3.65 in	1.77 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A60A2500DA	3.80 in	1.97 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A6091500DMLA	4 in	2.13 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A6091500DA	4 in	2.13 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5892500DMLA	3.65 in	1.8 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5790500DA	3.15 in	1.5 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5590500DML	3.95 in	2.42 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A6051001D	4.45 in	2.34 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5792001D	3.1 in	1.5 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5750001D	3.1 in	1.6 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A6042001D	3.9 in	2.11 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5752001D	4 in	2.2 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A6052001D	4.3 in	2.2 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A60H1500DMLA	4.05 in	2.14 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A55H0500DML	3.87 in	2.4 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A5590500D	3.95 in	2.42 in	3.9 in	3.5 in	2.8 in	2.4 in

Core & Coil (71A) MH 175W - 450W

Dimensional drawing

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5540001D	4 in	2.4 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A6092001D	4.1 in	2.16 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A6041001D	4 in	2.13 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5993001D	3.65 in	1.8 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5892001D	3.65 in	1.8 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5771001D	4.2 in	3 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A5770001D	3.15 in	1.6 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5692001D	3.6 in	2.45 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A5570001D	3.95 in	2.42 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A60A1001D	4 in	2.15 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A6071001D	4 in	2.13 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A57A0001D	3.1 in	1.64 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A55A0001D	4.02 in	2.41 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A60A1500DA	4.00 in	2.15 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A5741001D	4.2 in	3 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A55A0500D	4.02 in	2.41 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A5593001D	3.5 in	2.24 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID 71A57A2500D	3.1 in	1.5 in	4.8 in	4.4 in	4.3 in	3.9 in

Operating and Electrical

Input Frequency 60 Hz

General Information

Number Of Lamps 1 piece/unit

Operating and Electrical

Order Code	Full Product Name	Input Voltage
913700501711	CORE & COIL HID MH BAL 250W M138/M153 120/277/347V C&C	120/277/347 V

Order Code	Full Product Name	Input Voltage
913700503051	CORE & COIL HID MH BAL 175W M137/M152 QUAD KIT	120/208/240/277 V

Core & Coil (71A) MH 175W - 450W

Order Code	Full Product Name	Input Voltage
913700503071	CORE & COIL HID MH BAL 175W M57 120/277/347V C&C	120/277/347 V
913700503391	CORE & COIL HID MH BAL 250W M58 480V KIT	480 V
913700503911	CORE & COIL HID MH BAL 400W M59 120/277/347V C&C	120/277/347 V
913700525209	CORE & COIL HID MH BAL 175W M57 120/277/347V KIT	120/277/347 V
913700525309	CORE & COIL HID MH BAL 250W M58 120/277/347V KIT	120/277/347 V
913700525409	CORE & COIL HID MH BAL 400W M59 QUAD KIT	120/208/240/277 V
913700525509	CORE & COIL HID MH BAL 400W M59 120/277/347V KIT	120/277/347 V
913700534109	CORE & COIL HID MH BAL 175W M57 QUAD KIT	120/208/240/277 V
913700534409	CORE & COIL HID MH BAL 200W M136 QUAD KIT	120/208/240/277 V
913700534809	CORE & COIL HID MH BAL 250W M58 QUAD KIT	120/208/240/277 V
913700534909	CORE & COIL HID MH BAL 250W M58 QUAD KIT	120/208/240/277 V
913700535309	CORE & COIL HID MH BAL 320W M132/154 QUAD KIT	120/208/240/277 V
913700535509	CORE & COIL HID MH BAL 350W M131 QUAD KIT	120/208/240/277 V
913700535709	CORE & COIL HID MH BAL 400W M59 480V/ 120T KIT	480/120T V
913700535809	CORE & COIL HID MH BAL 400W M135/155 QUAD KIT	120/208/240/277 V
913700565809	CORE & COIL HID MH BAL 175W M57 480V KIT	480 V
913700572909	CORE & COIL HID MH BAL 175W M57 QUAD C&C	120/208/240/277 V
913701105519	CORE & COIL HID MH BAL 175W M57 127/220V C&C	127/220 V
913701113102	CORE & COIL HID MH BAL 250W M58 127/220V C&C	127/220 V
913701113209	CORE & COIL HID MH BAL 400W M59 127/220V C&C	127/220 V
913701115001	CORE & COIL HID MH BAL 400W M135/M155 5-TAP KIT	120/208/240/277/480 V

General Information

Order Code	Full Product Name	Capacitor	
		Value	Lamp Type
913700501711	CORE & COIL HID MH BAL 250W M138/ M153 120/277/347V C&C	17 MFD	250W MH
913700503051	CORE & COIL HID MH BAL 175W M137/ M152 QUAD KIT	11 MFD	175W MH

Order Code	Full Product Name	Input Voltage
913701122311	CORE & COIL HID MH BAL 250W M138/M153 5-TAP KIT	120/208/240/277/480 V
913701135502	CORE & COIL HID MH BAL 400W M135/155 480V/120T KIT	480/120T V
913710413801	CORE & COIL HID MH BAL 250W M58 5-TAP KIT	120/208/240/277/480 V
913710413901	CORE & COIL HID MH BAL 250W M138/M153 QUAD KIT	120/208/240/277 V
913710414201	CORE & COIL HID MH BAL 400W M59 5-TAP KIT	120/208/240/277/480 V
913710494709	CORE & COIL HID MH BAL 175W M57 QUAD C&C	120/208/240/277 V
913710498910	CORE & COIL HID MH BAL 250W M58/H37 QUAD C&C	120/208/240/277 V
913710501809	CORE & COIL HID MH BAL 320W M132/M154 QUAD C&C	120/208/240/277 V
913710508302	CORE & COIL HID MH BAL 400W M59 QUAD C&C	120/208/240/277 V
913710508319	CORE & COIL HID MH BAL 400W M59 QUAD C&C	120/208/240/277 V
913710602002	CORE & COIL HID MH BAL 400W M135/155 120/277/347V C&C	120/277/347 V
913710613202	CORE & COIL HID MH BAL 320W M132/154 480V/120T KIT	480/120T V
913710640119	CORE & COIL HID MH BAL 250W M138/M153 QUAD C&C	120/208/240/277 V
913710662009	CORE & COIL HID MH BAL 400W M59/H33 480V C&C	480 V
913710662509	CORE & COIL HID MH BAL 400W M135/155/172 QUAD C&C	120/208/240/277 V
913710663902	CORE & COIL HID MH BAL 250W M58/H37 QUAD C&C	120/208/240/277 V
913710664402	CORE & COIL HID MH BAL 175W M137/M152 QUAD C&C	120/208/240/277 V
913710665002	CORE & COIL HID MH BAL 175W M137/M152 480V/120T C&C	480/120T V
913710665402	CORE & COIL HID MH BAL 250W M138/M153 480V/120T C&C	480/120T V
913710693002	CORE & COIL HID MH BAL 250W M138/M153 480V/120T C&C	480/120T V

Core & Coil (71A) MH 175W - 450W

Order Code	Full Product Name	Capacitor	
		Value	Lamp Type
913700503911	CORE & COIL HID MH BAL 400W M59 120/277/347V C&C	24 MFD	400W MH
913700525209	CORE & COIL HID MH BAL 175W M57 120/277/347V KIT	10 MFD	175/150W MH
913700525309	CORE & COIL HID MH BAL 250W M58 120/277/347V KIT	15 MFD	250W MH
913700525409	CORE & COIL HID MH BAL 400W M59 QUAD KIT	24 MFD	400W MH
913700525509	CORE & COIL HID MH BAL 400W M59 120/277/347V KIT	24 MFD	400W MH
913700534109	CORE & COIL HID MH BAL 175W M57 QUAD KIT	10 MFD	175/150W MH
913700534409	CORE & COIL HID MH BAL 200W M136 QUAD KIT	15 MFD	200W MH
913700534809	CORE & COIL HID MH BAL 250W M58 QUAD KIT	15 MFD	250W MH
913700534909	CORE & COIL HID MH BAL 250W M58 QUAD KIT	15 MFD	250W MH
913700535309	CORE & COIL HID MH BAL 320W M132/154 QUAD KIT	21 MFD	320W MH
913700535509	CORE & COIL HID MH BAL 350W M131 QUAD KIT	22.5 MFD	350W MH
913700535709	CORE & COIL HID MH BAL 400W M59 480V/120T KIT	24 MFD	400W MH
913700535809	CORE & COIL HID MH BAL 400W M135/155 QUAD KIT	26 MFD	400W MH
913700565809	CORE & COIL HID MH BAL 175W M57 480V KIT	10 MFD	175/150W MH
913700572909	CORE & COIL HID MH BAL 175W M57 QUAD C&C	10 MFD	175/150W MH
913701105519	CORE & COIL HID MH BAL 175W M57 127/220V C&C	10 MFD	175/150W MH
913701113102	CORE & COIL HID MH BAL 250W M58 127/220V C&C	15 MFD	250W MH
913701113209	CORE & COIL HID MH BAL 400W M59 127/220V C&C	24 MFD	400W MH
913701115001	CORE & COIL HID MH BAL 400W M135/ M155 5-TAP KIT	26 MFD	400W MH
913701122311	CORE & COIL HID MH BAL 250W M138/ M153 5-TAP KIT	17 MFD	250W MH

Mechanical and Housing

Order Code	Full Product Name	Housing
913700501711	CORE & COIL HID MH BAL 250W M138/M153 120/277/347V C&C	-
913700503051	CORE & COIL HID MH BAL 175W M137/M152 QUAD KIT	-
913700503071	CORE & COIL HID MH BAL 175W M57 120/277/347V C&C	-
913700503391	CORE & COIL HID MH BAL 250W M58 480V KIT	-
913700503911	CORE & COIL HID MH BAL 400W M59 120/277/347V C&C	NA
913700525209	CORE & COIL HID MH BAL 175W M57 120/277/347V KIT	-

Order Code	Full Product Name	Capacitor	
		Value	Lamp Type
913701135502	CORE & COIL HID MH BAL 400W M135/155 480V/120T KIT	26 MFD	400W MH
913710413801	CORE & COIL HID MH BAL 250W M58 5-TAP KIT	15 MFD	250W MH
913710413901	CORE & COIL HID MH BAL 250W M138/ M153 QUAD KIT	17 MFD	250W MH
913710414201	CORE & COIL HID MH BAL 400W M59 5-TAP KIT	24 MFD	400W MH
913710494709	CORE & COIL HID MH BAL 175W M57 QUAD C&C	10 MFD	175/150W MH
913710498910	CORE & COIL HID MH BAL 250W M58/H37 QUAD C&C	15 MFD	250W MH
913710501809	CORE & COIL HID MH BAL 320W M132/ M154 QUAD C&C	21 MFD	320W MH
913710508302	CORE & COIL HID MH BAL 400W M59 QUAD C&C	24 MFD	400W MH
913710508319	CORE & COIL HID MH BAL 400W M59 QUAD C&C	24 MFD	400W MH
913710602002	CORE & COIL HID MH BAL 400W M135/155 120/277/347V C&C	26 MFD	400W MH
913710613202	CORE & COIL HID MH BAL 320W M132/154 480V/120T KIT	21 MFD	320W MH
913710640119	CORE & COIL HID MH BAL 250W M138/ M153 QUAD C&C	17 MFD	250W MH
913710662009	CORE & COIL HID MH BAL 400W M59/H33 480V C&C	24 MFD	400W MH
913710662509	CORE & COIL HID MH BAL 400W M135/155/172 QUAD C&C	26 MFD	400W MH
913710663902	CORE & COIL HID MH BAL 250W M58/H37 QUAD C&C	15 MFD	250W MH
913710664402	CORE & COIL HID MH BAL 175W M137/ M152 QUAD C&C	11 MFD	175W MH
913710665002	CORE & COIL HID MH BAL 175W M137/ M152 480V/120T C&C	11 MFD	175W MH
913710665402	CORE & COIL HID MH BAL 250W M138/ M153 480V/120T C&C	17 MFD	250W MH
913710693002	CORE & COIL HID MH BAL 250W M138/ M153 480V/120T C&C	17 MFD	250W MH

Core & Coil (71A) MH 175W - 450W

Order Code	Full Product Name	Housing
913700535309	CORE & COIL HID MH BAL 320W M132/154 QUAD KIT	-
913700535509	CORE & COIL HID MH BAL 350W M131 QUAD KIT	-
913700535709	CORE & COIL HID MH BAL 400W M59 480V/120T KIT	-
913700535809	CORE & COIL HID MH BAL 400W M135/155 QUAD KIT	-
913700565809	CORE & COIL HID MH BAL 175W M57 480V KIT	-
913700572909	CORE & COIL HID MH BAL 175W M57 QUAD C&C	-
913701105519	CORE & COIL HID MH BAL 175W M57 127/220V C&C	-
913701113102	CORE & COIL HID MH BAL 250W M58 127/220V C&C	-
913701113209	CORE & COIL HID MH BAL 400W M59 127/220V C&C	-
913701115001	CORE & COIL HID MH BAL 400W M135/M155 5-TAP KIT	-
913701122311	CORE & COIL HID MH BAL 250W M138/M153 5-TAP KIT	-
913701135502	CORE & COIL HID MH BAL 400W M135/155 480V/120T KIT	-
913710413801	CORE & COIL HID MH BAL 250W M58 5-TAP KIT	-
913710413901	CORE & COIL HID MH BAL 250W M138/M153 QUAD KIT	-
913710414201	CORE & COIL HID MH BAL 400W M59 5-TAP KIT	-

Order Code	Full Product Name	Housing
913710494709	CORE & COIL HID MH BAL 175W M57 QUAD C&C	-
913710498910	CORE & COIL HID MH BAL 250W M58/H37 QUAD C&C	-
913710501809	CORE & COIL HID MH BAL 320W M132/M154 QUAD C&C	-
913710508302	CORE & COIL HID MH BAL 400W M59 QUAD C&C	-
913710508319	CORE & COIL HID MH BAL 400W M59 QUAD C&C	-
913710602002	CORE & COIL HID MH BAL 400W M135/155 120/277/347V C&C	-
913710613202	CORE & COIL HID MH BAL 320W M132/154 480V/120T KIT	-
913710640119	CORE & COIL HID MH BAL 250W M138/M153 QUAD C&C	-
913710662009	CORE & COIL HID MH BAL 400W M59/H33 480V C&C	-
913710662509	CORE & COIL HID MH BAL 400W M135/155/172 QUAD C&C	-
913710663902	CORE & COIL HID MH BAL 250W M58/H37 QUAD C&C	-
913710664402	CORE & COIL HID MH BAL 175W M137/M152 QUAD C&C	-
913710665002	CORE & COIL HID MH BAL 175W M137/M152 480V/120T C&C	-
913710665402	CORE & COIL HID MH BAL 250W M138/M153 480V/120T C&C	-
913710693002	CORE & COIL HID MH BAL 250W M138/M153 480V/120T C&C	-

