

# 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

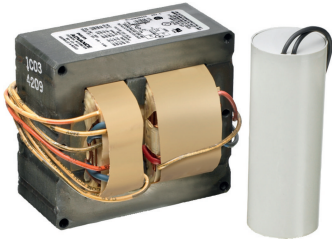
- Vacuum-pressure impregnated with a silica-filled polyester varnish
- All core and coil ballasts below 600W utilize a UL Class H (180°C) insulation system
- C and C ballasts 600W and higher utilize a UL Class N (200°C) insulation system
- Pre-insulated voltage leads
- Ballast kits supplied with pre-wired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

### Application

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

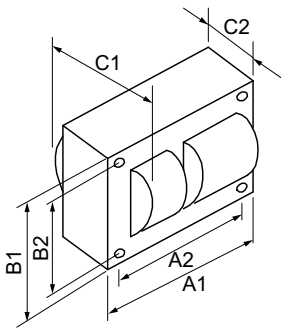
## Core & Coil (71A) MH 175W - 450W

### Versions



71A55N0500

### Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A6091500DA	4 in	2.13 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 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 71A6052001D	4.3 in	2.2 in	4.8 in	4.4 in	4.3 in	3.9 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 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 71A57A2500D	3.1 in	1.5 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 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 71A5593500DEE	4.41 in	3.20 in	3.9 in	3.5 in	2.8 in	2.4 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 (71A) MH 175W - 450W

### 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
176826	CORE & COIL HID MH BAL 250W M138/M153 120/277/347V C&C	120/277/347 V
177931	CORE & COIL HID MH BAL 175W M137/M152 QUAD KIT	120/208/240/277 V
177955	CORE & COIL HID MH BAL 175W M57 120/277/347V C&C	120/277/347 V
178228	CORE & COIL HID MH BAL 250W M58 480V KIT	480 V
178673	CORE & COIL HID MH BAL 400W M59 120/277/347V C&C	120/277/347 V
191866	CORE & COIL HID MH BAL 175W M57 120/277/347V KIT	120/277/347 V
191874	CORE & COIL HID MH BAL 250W M58 120/277/347V KIT	120/277/347 V
191882	CORE & COIL HID MH BAL 400W M59 QUAD KIT	120/208/240/277 V
191890	CORE & COIL HID MH BAL 400W M59 120/277/347V KIT	120/277/347 V
193045	CORE & COIL HID MH BAL 175W M57 QUAD KIT	120/208/240/277 V
193060	CORE & COIL HID MH BAL 200W M136 QUAD KIT	120/208/240/277 V
193094	CORE & COIL HID MH BAL 250W M58 QUAD KIT	120/208/240/277 V
193102	CORE & COIL HID MH BAL 250W M58 QUAD KIT	120/208/240/277 V
192393	CORE & COIL HID MH BAL 320W M132/154 QUAD KIT	120/208/240/277 V
193136	CORE & COIL HID MH BAL 350W M131 QUAD KIT	120/208/240/277 V

### General Information

Order		Capacitor	
Code	Full Product Name	Value	Lamp Type
176826	CORE & COIL HID MH BAL 250W M138/ M153 120/277/347V C&C	17 MFD	250W MH
177931	CORE & COIL HID MH BAL 175W M137/M152 QUAD KIT	11 MFD	175W MH
177955	CORE & COIL HID MH BAL 175W M57 120/277/347V C&C	10 MFD	175/150W MH
178228	CORE & COIL HID MH BAL 250W M58 480V KIT	15 MFD	250W MH
178673	CORE & COIL HID MH BAL 400W M59 120/277/347V C&C	24 MFD	400W MH
191866	CORE & COIL HID MH BAL 175W M57 120/277/347V KIT	10 MFD	175/150W MH
191874	CORE & COIL HID MH BAL 250W M58 120/277/347V KIT	15 MFD	250W MH

Order		
Code	Full Product Name	Input Voltage
193151	CORE & COIL HID MH BAL 400W M59 480V/ 120T KIT	480/120T V
192401	CORE & COIL HID MH BAL 400W M135/155 QUAD KIT	120/208/240/277 V
193029	CORE & COIL HID MH BAL 175W M57 480V KIT	480 V
399386	CORE & COIL HID MH BAL 175W M57 QUAD C&C	120/208/240/277 V
517573	CORE & COIL HID MH BAL 400W M135/M155 5- TAP KIT	120/208/240/277/480 V
483859	CORE & COIL HID MH BAL 250W M58 5-TAP KIT	120/208/240/277/480 V
112896	CORE & COIL HID MH BAL 250W M138/M153 QUAD KIT	120/208/240/277 V
485227	CORE & COIL HID MH BAL 400W M59 5-TAP KIT	120/208/240/277/480 V
120501	CORE & COIL HID MH BAL 250W M58/H37 QUAD C&C	120/208/240/277 V
485383	CORE & COIL HID MH BAL 400W M59 QUAD C&C	120/208/240/277 V
119578	CORE & COIL HID MH BAL 400W M135/155 120/277/347V C&C	120/277/347 V
197368	CORE & COIL HID MH BAL 175W M137/M152 QUAD C&C	120/208/240/277 V
197343	CORE & COIL HID MH BAL 175W M137/M152 480V/120T C&C	480/120T V
197400	CORE & COIL HID MH BAL 250W M138/M153 480V/120T C&C	480/120T V

Order		Capacitor	
Code	Full Product Name	Value	Lamp Type
191882	CORE & COIL HID MH BAL 400W M59 QUAD KIT	24 MFD	400W MH
191890	CORE & COIL HID MH BAL 400W M59 120/277/347V KIT	24 MFD	400W MH
193045	CORE & COIL HID MH BAL 175W M57 QUAD KIT	10 MFD	175/150W MH
193060	CORE & COIL HID MH BAL 200W M136 QUAD KIT	15 MFD	200W MH
193094	CORE & COIL HID MH BAL 250W M58 QUAD KIT	15 MFD	250W MH
193102	CORE & COIL HID MH BAL 250W M58 QUAD KIT	15 MFD	250W MH
192393	CORE & COIL HID MH BAL 320W M132/154 QUAD KIT	21 MFD	320W MH

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

Order Code	Full Product Name	Capacitor Value	Lamp Type
193136	CORE & COIL HID MH BAL 350W M131 QUAD KIT	22.5 MFD	350W MH
193151	CORE & COIL HID MH BAL 400W M59 480V/120T KIT	24 MFD	400W MH
192401	CORE & COIL HID MH BAL 400W M135/155 QUAD KIT	26 MFD	400W MH
193029	CORE & COIL HID MH BAL 175W M57 480V KIT	10 MFD	175/150W MH
399386	CORE & COIL HID MH BAL 175W M57 QUAD C&C	10 MFD	175/150W MH
517573	CORE & COIL HID MH BAL 400W M135/M155 5-TAP KIT	26 MFD	400W MH
483859	CORE & COIL HID MH BAL 250W M58 5-TAP KIT	15 MFD	250W MH
112896	CORE & COIL HID MH BAL 250W M138/M153 QUAD KIT	17 MFD	250W MH

Order Code	Full Product Name	Capacitor Value	Lamp Type
485227	CORE & COIL HID MH BAL 400W M59 5-TAP KIT	24 MFD	400W MH
120501	CORE & COIL HID MH BAL 250W M58/H37 QUAD C&C	15 MFD	250W MH
485383	CORE & COIL HID MH BAL 400W M59 QUAD C&C	24 MFD	400W MH
119578	CORE & COIL HID MH BAL 400W M135/155 120/277/347V C&C	26 MFD	400W MH
197368	CORE & COIL HID MH BAL 175W M137/M152 QUAD C&C	11 MFD	175W MH
197343	CORE & COIL HID MH BAL 175W M137/M152 480V/120T C&C	11 MFD	175W MH
197400	CORE & COIL HID MH BAL 250W M138/M153 480V/120T C&C	17 MFD	250W MH

### Mechanical and Housing

Order Code	Full Product Name	Housing
176826	CORE & COIL HID MH BAL 250W M138/M153 120/277/347V C&C	-
177931	CORE & COIL HID MH BAL 175W M137/M152 QUAD KIT	-
177955	CORE & COIL HID MH BAL 175W M57 120/277/347V C&C	-
178228	CORE & COIL HID MH BAL 250W M58 480V KIT	-
178673	CORE & COIL HID MH BAL 400W M59 120/277/347V C&C	NA
191866	CORE & COIL HID MH BAL 175W M57 120/277/347V KIT	-
191874	CORE & COIL HID MH BAL 250W M58 120/277/347V KIT	-
191882	CORE & COIL HID MH BAL 400W M59 QUAD KIT	-
191890	CORE & COIL HID MH BAL 400W M59 120/277/347V KIT	-
193045	CORE & COIL HID MH BAL 175W M57 QUAD KIT	-
193060	CORE & COIL HID MH BAL 200W M136 QUAD KIT	-
193094	CORE & COIL HID MH BAL 250W M58 QUAD KIT	-
193102	CORE & COIL HID MH BAL 250W M58 QUAD KIT	-
192393	CORE & COIL HID MH BAL 320W M132/154 QUAD KIT	-
193136	CORE & COIL HID MH BAL 350W M131 QUAD KIT	-

Order Code	Full Product Name	Housing
193151	CORE & COIL HID MH BAL 400W M59 480V/120T KIT	-
192401	CORE & COIL HID MH BAL 400W M135/155 QUAD KIT	-
193029	CORE & COIL HID MH BAL 175W M57 480V KIT	-
399386	CORE & COIL HID MH BAL 175W M57 QUAD C&C	-
517573	CORE & COIL HID MH BAL 400W M135/M155 5-TAP KIT	-
483859	CORE & COIL HID MH BAL 250W M58 5-TAP KIT	-
112896	CORE & COIL HID MH BAL 250W M138/M153 QUAD KIT	-
485227	CORE & COIL HID MH BAL 400W M59 5-TAP KIT	-
120501	CORE & COIL HID MH BAL 250W M58/H37 QUAD C&C	-
485383	CORE & COIL HID MH BAL 400W M59 QUAD C&C	-
119578	CORE & COIL HID MH BAL 400W M135/155 120/277/347V C&C	-
197368	CORE & COIL HID MH BAL 175W M137/M152 QUAD C&C	-
197343	CORE & COIL HID MH BAL 175W M137/M152 480V/120T C&C	-
197400	CORE & COIL HID MH BAL 250W M138/M153 480V/120T C&C	-

