



# 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
- $\cdot$  All core and coil ballasts below 600W utilize a UL Class H (180  $^{\circ}\text{C})$  insulation system
- $\cdot$  C and C ballasts 600W and higher utilize a UL Class N (200  $^{\circ}$  C) insulation system
- $\cdot$  Pre-insulated voltage leads
- · Ballast kits supplied with pre-wired ignitor

#### **Application**

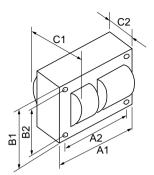
 High bay retail, manufacturing, gymnasiums, warehouses, parking structures, outdoor

#### Versions



71A55N0500

## Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 250W M58	4.2 in	3 in	3.9 in	3.5 in	2.8 in	2.4 in
480V KIT						
CORE & COIL HID MH BAL 175W M57	4.02 in	2.41 in	3.9 in	3.5 in	2.8 in	2.4 in
120/277/347V C&C						
CORE & COIL HID MH BAL 175W M137/	3.5 in	2.24 in	3.9 in	3.5 in	2.8 in	2.4 in
M152 QUAD KIT						
CORE & COIL HID MH BAL 250W	3.1 in	1.5 in	4.8 in	4.4 in	4.3 in	3.9 in
M138/M153 120/277/347V C&C						
CORE & COIL HID MH BAL 250W	4.05 in	2.15 in	4.8 in	4.4 in	4.3 in	3.9 in
M138/M153 480V/120T C&C						
CORE & COIL HID MH BAL 175W M137/	4.20 in	3.10 in	3.9 in	3.5 in	2.8 in	2.4 in
M152 480V/120T C&C						
CORE & COIL HID MH BAL 175W M137/	4.41 in	3.20 in	3.9 in	3.5 in	2.8 in	2.4 in
M152 QUAD C&C						
CORE & COIL HID MH BAL 400W	4 in	2.13 in	4.8 in	4.4 in	4.3 in	3.9 in
M59/H33 480V C&C						
CORE & COIL HID MH BAL 320W	3.65 in	1.77 in	4.8 in	4.4 in	4.3 in	3.9 in
M132/154 480V/120T KIT						
CORE & COIL HID MH BAL 400W M59	4 in	2.13 in	4.8 in	4.4 in	4.3 in	3.9 in
QUAD C&C						
CORE & COIL HID MH BAL 250W	3.15 in	1.5 in	4.8 in	4.4 in	4.3 in	3.9 in
M58/H37 QUAD C&C						
CORE & COIL HID MH BAL 400W M59	4.45 in	2.34 in	4.8 in	4.4 in	4.3 in	3.9 in
5-TAP KIT						
CORE & COIL HID MH BAL 250W	3.1 in	1.5 in	4.8 in	4.4 in	4.3 in	3.9 in
M138/M153 QUAD KIT						
CORE & COIL HID MH BAL 250W M58	3.1 in	1.6 in	4.8 in	4.4 in	4.3 in	3.9 in
5-TAP KIT						
CORE & COIL HID MH BAL 400W	3.9 in	2.11 in	4.8 in	4.4 in	4.3 in	3.9 in
M135/155 480V/120T KIT						
CORE & COIL HID MH BAL 250W	4 in	2.2 in	4.8 in	4.4 in	4.3 in	3.9 in
M138/M153 5-TAP KIT						
CORE & COIL HID MH BAL 400W	4.3 in	2.2 in	4.8 in	4.4 in	4.3 in	3.9 in
M135/M155 5-TAP KIT						
CORE & COIL HID MH BAL 400W M59	4.05 in	2.14 in	4.8 in	4.4 in	4.3 in	3.9 in
127/220V C&C						
CORE & COIL HID MH BAL 250W M58	3.15 in	1.65 in	4.8 in	4.4 in	4.3 in	3.9 in
127/220V C&C						
CORE & COIL HID MH BAL 175W M57	3.95 in	2.42 in	3.9 in	3.5 in	2.8 in	2.4 in
QUAD C&C						
CORE & COIL HID MH BAL 175W M57	4 in	2.4 in	3.9 in	3.5 in	2.8 in	2.4 in
480V KIT						
CORE & COIL HID MH BAL 400W	4.1 in	2.16 in	4.8 in	4.4 in	4.3 in	3.9 in
M135/155 QUAD KIT						
CORE & COIL HID MH BAL 400W M59	4 in	2.13 in	4.8 in	4.4 in	4.3 in	3.9 in
480V/120T KIT						
CORE & COIL HID MH BAL 350W M131	3.65 in	1.8 in	4.8 in	4.4 in	4.3 in	3.9 in
QUAD KIT						
CORE & COIL HID MH BAL 320W	3.65 in	1.8 in	4.8 in	4.4 in	4.3 in	3.9 in
M132/154 QUAD KIT						

## Dimensional drawing

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 250W M58	4.2 in	3 in	3.9 in	3.5 in	2.8 in	2.4 in
QUAD KIT						
CORE & COIL HID MH BAL 250W M58	3.15 in	1.6 in	4.8 in	4.4 in	4.3 in	3.9 in
QUAD KIT						
CORE & COIL HID MH BAL 200W	3.6 in	2.45 in	3.9 in	3.5 in	2.8 in	2.4 in
M136 QUAD KIT						
CORE & COIL HID MH BAL 175W M57	3.95 in	2.42 in	3.9 in	3.5 in	2.8 in	2.4 in
QUAD KIT						
CORE & COIL HID MH BAL 400W M59	4 in	2.15 in	4.8 in	4.4 in	4.3 in	3.9 in
120/277/347V KIT						
CORE & COIL HID MH BAL 400W M59	4 in	2.13 in	4.8 in	4.4 in	4.3 in	3.9 in
QUAD KIT						
CORE & COIL HID MH BAL 250W M58	3.1 in	1.64 in	4.8 in	4.4 in	4.3 in	3.9 in
120/277/347V KIT						
CORE & COIL HID MH BAL 175W M57	4.02 in	2.41 in	3.9 in	3.5 in	2.8 in	2.4 in
120/277/347V KIT						

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
71A57A2500D	CORE & COIL HID MH BAL 250W M138/	120/277/347 V
	M153 120/277/347V C&C	
71A5593001D	CORE & COIL HID MH BAL 175W M137/	120/208/240/277 V
	M152 QUAD KIT	
71A55A0500D	CORE & COIL HID MH BAL 175W M57	120/277/347 V
	120/277/347V C&C	
71A5741001D	CORE & COIL HID MH BAL 250W M58	480 V
	480V KIT	
71A55A0001D	CORE & COIL HID MH BAL 175W M57	120/277/347 V
	120/277/347V KIT	
71A57A0001D	CORE & COIL HID MH BAL 250W M58	120/277/347 V
	120/277/347V KIT	
71A6071001D	CORE & COIL HID MH BAL 400W M59	120/208/240/277 V
	QUAD KIT	
71A60A1001D	CORE & COIL HID MH BAL 400W M59	120/277/347 V
	120/277/347V KIT	
71A5570001D	CORE & COIL HID MH BAL 175W M57	120/208/240/277 V
	QUAD KIT	
71A5692001D	CORE & COIL HID MH BAL 200W M136	120/208/240/277 V
	QUAD KIT	
71A5770001D	CORE & COIL HID MH BAL 250W M58	120/208/240/277 V
	QUAD KIT	

Order Code	Full Product Name	Input Voltage
71A5771001D	CORE & COIL HID MH BAL 250W M58	120/208/240/277 V
	QUAD KIT	
71A5892001D	CORE & COIL HID MH BAL 320W	120/208/240/277 V
	M132/154 QUAD KIT	
71A5993001D	CORE & COIL HID MH BAL 350W M131	120/208/240/277 V
	QUAD KIT	
71A6041001D	CORE & COIL HID MH BAL 400W M59	480/120T V
	480V/120T KIT	
71A6092001D	CORE & COIL HID MH BAL 400W	120/208/240/277 V
	M135/155 QUAD KIT	
71A5540001D	CORE & COIL HID MH BAL 175W M57	480 V
	480V KIT	
71A5590500D	CORE & COIL HID MH BAL 175W M57	120/208/240/277 V
	QUAD C&C	
71A57H0500DMLA	CORE & COIL HID MH BAL 250W M58	127/220 V
	127/220V C&C	
71A60H1500DMLA	CORE & COIL HID MH BAL 400W M59	127/220 V
	127/220V C&C	
71A6052001D	CORE & COIL HID MH BAL 400W M135/	120/208/240/277/480 V
	M155 5-TAP KIT	
71A5752001D	CORE & COIL HID MH BAL 250W M138/	120/208/240/277/480 V
	M153 5-TAP KIT	

Order Code	Full Product Name	Input Voltage
71A6042001D	CORE & COIL HID MH BAL 400W	480/120T V
	M135/155 480V/120T KIT	
71A5750001D	CORE & COIL HID MH BAL 250W M58 5-	120/208/240/277/480 V
	TAP KIT	
71A5792001D	CORE & COIL HID MH BAL 250W M138/	120/208/240/277 V
	M153 QUAD KIT	
71A6051001D	CORE & COIL HID MH BAL 400W M59 5-	120/208/240/277/480 V
	TAP KIT	
71A5790500DA	CORE & COIL HID MH BAL 250W	120/208/240/277 V
	M58/H37 QUAD C&C	
71A6091500DA	CORE & COIL HID MH BAL 400W M59	120/208/240/277 V
	QUAD C&C	

Order Code	Full Product Name	Input Voltage
71A5842001DT	CORE & COIL HID MH BAL 320W	480/120T V
	M132/154 480V/120T KIT	
71A6041500DMLA	CORE & COIL HID MH BAL 400W	480 V
	M59/H33 480V C&C	
71A5593500DEE	CORE & COIL HID MH BAL 175W M137/	120/208/240/277 V
	M152 QUAD C&C	
71A5543500DTEE	CORE & COIL HID MH BAL 175W M137/	480/120T V
	M152 480V/120T C&C	
71A5742500DTEE	CORE & COIL HID MH BAL 250W M138/	480/120T V
	M153 480V/120T C&C	

#### **General Information**

		Capacitor	
Order Code	Full Product Name	Value	Lamp Type
71A57A2500D	CORE & COIL HID MH BAL 250W	17 MFD	250W MH
	M138/M153 120/277/347V C&C		
71A5593001D	CORE & COIL HID MH BAL 175W	11 MFD	175W MH
	M137/M152 QUAD KIT		
71A55A0500D	CORE & COIL HID MH BAL 175W M57	10 MFD	175/150W MH
	120/277/347V C&C		
71A5741001D	CORE & COIL HID MH BAL 250W	15 MFD	250W MH
	M58 480V KIT		
71A55A0001D	CORE & COIL HID MH BAL 175W M57	10 MFD	175/150W MH
	120/277/347V KIT		
71A57A0001D	CORE & COIL HID MH BAL 250W	15 MFD	250W MH
	M58 120/277/347V KIT		
71A6071001D	CORE & COIL HID MH BAL 400W	24 MFD	400W MH
	M59 QUAD KIT		
71A60A1001D	CORE & COIL HID MH BAL 400W	24 MFD	400W MH
	M59 120/277/347V KIT		
71A5570001D	CORE & COIL HID MH BAL 175W M57	10 MFD	175/150W MH
	QUAD KIT		
71A5692001D	CORE & COIL HID MH BAL 200W	15 MFD	200W MH
	M136 QUAD KIT		
71A5770001D	CORE & COIL HID MH BAL 250W	15 MFD	250W MH
	M58 QUAD KIT		
71A5771001D	CORE & COIL HID MH BAL 250W	15 MFD	250W MH
	M58 QUAD KIT		
71A5892001D	CORE & COIL HID MH BAL 320W	21 MFD	320W MH
	M132/154 QUAD KIT		
71A5993001D	CORE & COIL HID MH BAL 350W	22.5 MFD	350W MH
	M131 QUAD KIT		
71A6041001D	CORE & COIL HID MH BAL 400W	24 MFD	400W MH
	M59 480V/120T KIT		
71A6092001D	CORE & COIL HID MH BAL 400W	26 MFD	400W MH
	M135/155 QUAD KIT		
71A5540001D	CORE & COIL HID MH BAL 175W M57	10 MFD	175/150W MH

		Capacitor	
Order Code	Full Product Name	Value	Lamp Type
71A5590500D	CORE & COIL HID MH BAL 175W M57 QUAD C&C	10 MFD	175/150W MH
71A57H0500DMLA	CORE & COIL HID MH BAL 250W M58 127/220V C&C	15 MFD	250W MH
71A60H1500DMLA	CORE & COIL HID MH BAL 400W M59 127/220V C&C	24 MFD	400W MH
71A6052001D	CORE & COIL HID MH BAL 400W M135/M155 5-TAP KIT	26 MFD	400W MH
71A5752001D	CORE & COIL HID MH BAL 250W M138/M153 5-TAP KIT	17 MFD	250W MH
71A6042001D	CORE & COIL HID MH BAL 400W M135/155 480V/120T KIT	26 MFD	400W MH
71A5750001D	CORE & COIL HID MH BAL 250W M58 5-TAP KIT	15 MFD	250W MH
71A5792001D	CORE & COIL HID MH BAL 250W M138/M153 QUAD KIT	17 MFD	250W MH
71A6051001D	CORE & COIL HID MH BAL 400W M59 5-TAP KIT	24 MFD	400W MH
71A5790500DA	CORE & COIL HID MH BAL 250W M58/H37 QUAD C&C	15 MFD	250W MH
71A6091500DA	CORE & COIL HID MH BAL 400W M59 QUAD C&C	24 MFD	400W MH
71A5842001DT	CORE & COIL HID MH BAL 320W M132/154 480V/120T KIT	21 MFD	320W MH
71A6041500DMLA	CORE & COIL HID MH BAL 400W M59/H33 480V C&C	24 MFD	400W MH
71A5593500DEE	CORE & COIL HID MH BAL 175W M137/M152 QUAD C&C	11 MFD	175W MH
71A5543500DTEE	CORE & COIL HID MH BAL 175W M137/M152 480V/120T C&C	11 MFD	175W MH
71A5742500DTEE	CORE & COIL HID MH BAL 250W M138/M153 480V/120T C&C	17 MFD	250W MH



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