



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

## CORE & COIL HID MH BAL 175W M137/M152 QUAD C&C

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.

#### **Product data**

General Information					
ANSI Code	M137-M152				
Lamp Type	175W MH				
Number of Lamps	1 piece/unit				
Circuit Type	SUPER-CWA				
Ballast Type	Magnetic HID				
Base Model	71A5591EE				
Core Size	4 1/4 x 4 3/4 (2 coil)				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI533-H4				
Ignitor Temperature Rating	105°C				
Capacitor Value	11 MFD				
Capacitor Catalog Number	7C110M40				
Capacitor Requirements	370V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval	1.65 in				
Dimensions					
Capacitor Height	3.75 in				
Automatic Restart	No				

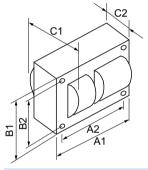
Operating and Electrical						
Input Voltage	120/208/240/277 V					
Input Frequency	60 Hz					
Input Current (Open Circuit)	1.3/0.72/0.65/0.57 A					
Input Current (Starting)	0.83/0.51/0.44/0.37 A					
Input Current (Short Circuit)	0.66-1/0.41-0.61/0.35-0.53/0.3-0.44 A					
Secondary Short Circuit Current	1.56-1.91 A					
Constant Wattage Deviation	10%					
Ballast Factor (Nom)	1					
Power Factor (Nom)	0.90					
Open Circuit Voltage	285 V					
Input Current (Nom)	1.66/0.95/0.83/0.71 A A					
Input Power (Nom)	198 W					
Rated Lamp Power	175 W					
Wiring						
Wire Striplength	0.5 mm					
Wire Length by Color	12"					
Wire Type	Stranded					

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

Remote Wiring Configuration	Yes				
Allowed					
Max Ballast-Lamp Distance	2'				
Remote Wiring					
Recommended Fuse Value	5/3/3/3 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	254-310 V				
Approval Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	Α/Α/Α				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				

UL Temperature Code	1029A
Product Data	
Order product name	CORE & COIL HID MH BAL 175W M137/M152 QUAD
	C&C
EAN/UPC - Product	781087070260
Order code	913710664902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710664902
Net Weight (Piece)	4.750 kg

#### **Dimensional drawing**



MH BAL 175W M137/M152 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5591500DEE	3.30 in	1.65 in	4.8 in	4.4 in	4.3 in	3.9 in



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