

Core & Coil (71A) MH 175W – 450W

CORE & COIL HID MH BAL 175W M137/M152 480V/120T 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		Operating and Electrical	
ANSI Code	M137-M152	Input Voltage	480/120T V
Lamp Type	175W MH	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Input Current (Open Circuit)	0.44 A
Circuit Type	SUPER-CWA	Input Current (Starting)	0.14 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	0.11-0.17 A
Base Model	71A5543TEE	Secondary Short Circuit Current	1.6-1.95 A
Core Size	3 X 4 (2 coil)	Constant Wattage Deviation	10%
Suitable For Outdoor Use	Yes	Ballast Factor (Nom)	1
Ignitor Catalog Number	LI533-H4	Power Factor (Nom)	0.90
Ignitor Temperature Rating	105°C	Open Circuit Voltage	275 V
Capacitor Value	11 MFD	Input Current (Nom)	0.44 A A
Capacitor Catalog Number	7C110M40	Input Power (Nom)	198 W
Capacitor Requirements	370V	Rated Lamp Power	175 W
Capacitor Temperature Rating	105°C		
Capacitor Diameter/Oval Dimensions	1.65 in	Wiring	
Capacitor Height	3.75 in	Wire Striplength	0.5 mm
Automatic Restart	No	Wire Length by Color	12"
		Wire Type	Stranded
		Remote Wiring Configuration Allowed	Yes

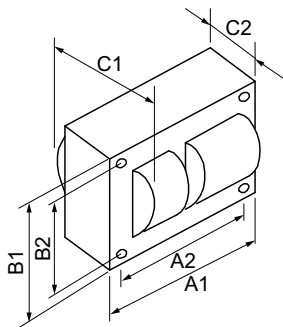
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Max Ballast-Lamp Distance Remote Wiring 2'	
Recommended Fuse Value	2 A
Approval and Application	
Open Circuit Voltage Test (Volts)	250-300 V
Approval Marks	ULR CSA certificate EISA RoHS Compliant
Temperature Marking	A
UL Recognized	Yes
Hipot Test (1 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 480V/120T C&C
EAN/UPC - Product	781087070277
Order code	197343
Local order code	197343
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710665002
Net Weight (Piece)	4.750 kg

Dimensional drawing



MH BAL 175 M137/152 480V/120T C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 175W M137/ M152 480V/120T C&C	4.20 in	3.10 in	3.9 in	3.5 in	2.8 in	2.4 in

