



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

CORE & COIL HID MH BAL 175W M137/M152 120/277/347V 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	71A55A3
Core Size	3 X 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 Dimensions	1.65 in
Capacitor Height	3.75 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/277/347 V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.9/0.85/0.7 A
Input Current (Starting)	0.7/0.3/0.25 A
Input Current (Short Circuit)	0.4-0.6/0.19-0.3/0.15-0.25 A
Secondary Short Circuit Current	1.6-1.95 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	275 V
Input Current (Nom)	1.8/0.8/0.65 A A
Input Power (Nom)	208 W
Rated Lamp Power	175 W

Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

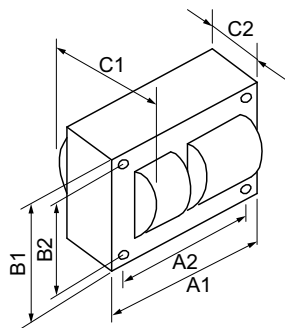
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Max Ballast-Lamp Distance Remote	2'
Wiring	
Recommended Fuse Value	5/3/2 A
Approval and Application	
Open Circuit Voltage Test (Volts)	250-300 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/C/C
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029C

Product Data

Order product name	CORE & COIL HID MH BAL 175W M137/M152 120/277/347V C&C
EAN/UPC - Product	781087120644
Order code	913700501721
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700501721
Net Weight (Piece)	3.389 kg

Dimensional drawing



MH BAL 175W M137/M152 120/277/347V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A55A3500D	3.5 in	2.24 in	3.9 in	3.5 in	2.8 in	2.4 in

