



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

CORE & COIL HID MH BAL 175W M57
120/220-240V 50HZ 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	M57-M107
Lamp Type	175/150W MH
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A55N0
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	NA
Ignitor Temperature Rating	NA
Capacitor Value	12 MFD
Capacitor Catalog Number	MD1204100
Capacitor Requirements	425V
Capacitor Temperature Rating	90°C
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	2.9 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/220-240 V
Input Frequency	50 Hz
Input Current (Open Circuit)	1.5/0.8 A
Input Current (Starting)	1.5/0.8 A
Input Current (Short Circuit)	2.5-3.7/1.3-1.9 A
Secondary Short Circuit Current	2.3-2.8 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	310 V
Input Current (Nom)	2/1.05 A A
Input Power (Nom)	210 W
Rated Lamp Power	175/150 W

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

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

Max Ballast-Lamp Distance Remote Wiring Determined by AWG used

Recommended Fuse Value 5/3 A

Approval and Application

Open Circuit Voltage Test (Volts) 290-355 V

Approval Marks RoHS Compliant CSA certificate

Temperature Marking 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 M57
120/220-240V 50HZ C&C

EAN/UPC - Product 781087018521

Order code 913700500209

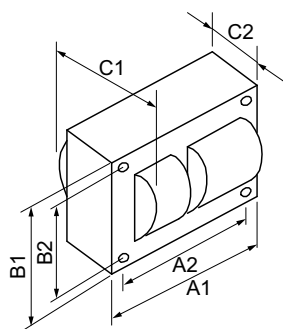
Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 4

Material Nr. (12NC) 913700500209

Net Weight (Piece) 4.341 kg

Dimensional drawing



MH BAL 175W M57 120/220-240V 50HZ C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A55N0500	4 in	2.75 in	3.9 in	3.5 in	2.8 in	2.4 in

