



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.

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 catalogue number	NA
Ignitor temperature rating	NA
Capacitor value	12 MFD
Capacitor catalogue 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 strip length	0.5 mm
Wire length by colour	12"
Wire type	Stranded
Remote wiring configuration allowed	Yes
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 recognised	Yes
Hipot test (1 minute)	2000 V

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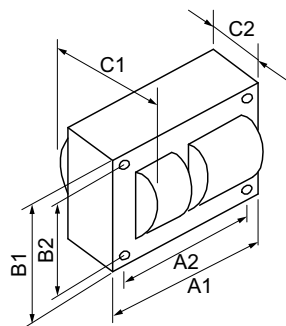
Hipot test (2 seconds)	2500 V
UL insulation class	H(180°C)
UL temperature code	1029C

Product Data

Order product name	CORE & COIL HID MH BAL 175W M57 120/220-240V 50HZ C&C
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EAN/UPC – product	781087018521
Numerator – quantity per pack	1
Numerator – packs per outer box	4
Material no. (12NC)	913700500209
Net weight (piece)	4.341 kg

Dimensional drawing



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

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