## **PHILIPS** Lighting



### 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		Input current (sho
ANSI Code	M57-M107	Secondary short-
Lamp type	175/150W MH	Constant wattage
Number of lamps	1 piece/unit	Ballast factor (no
Circuit type	CWA	Power factor (nor
Ballast type	Magnetic HID	Open circuit volta
Base model	71A55N0	Input current (nor
Core size	3 X 4 (2 coil)	Input power (nom
Suitable for outdoor use	Yes	Rated lamp powe
Ignitor catalogue number	NA	
Ignitor temperature rating	NA	Wiring
Capacitor value	12 MFD	Wire strip length
Capacitor catalogue number	MD1204100	Wire length by co
Capacitor requirements	425V	Wire type
Capacitor temperature rating	90°C	Remote wiring co
Capacitor diameter/oval dimensions	1.75 in	Max. ballast-lam
Capacitor height	2.9 in	Recommended fu
Automatic restart	No	
		Approval and A

# 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

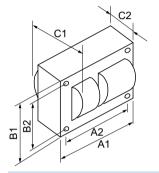
Input current (short circuit)	2.5-3.7/1.3-1.9 A	
Secondary short-circuit current	2.3-2.8 A	
Constant wattage deviation	10%	
Ballast factor (nom.)	1	
Power factor (nom.)	0.90	
Open circuit voltage	310 V	
Input current (nom.)	2/1.05 A A	
Input power (nom.)	210 W	
Rated lamp power	175/150 W	
Wiring		
Wire 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	

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

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
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
 2.4 in

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



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