

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

## CORE & COIL HID 71A6051001D

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	M59
Lamp Type	400W MH
Number Of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A6051
Core Size	4 1/4 x 4 3/4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	NA
Ignitor Temperature Rating	NA
Capacitor Value	24 MFD
Capacitor Catalog Number	7C240P40R
Capacitor Requirements	400V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	4.8 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/208/240/277/480 V
Input Frequency	60 Hz
Input Current (Open Circuit)	2.86/1.45/1.29/1.1/0.62 A
Input Current (Starting)	3.51/2.0/1.72/1.49/0.86 A
Input Current (Short Circuit)	2.7-4.05/1.56-2.34/1.29-1.92/1.17-1.76/0.68-1.02 A
Secondary Short Circuit Current	3.04-4.56 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	300 V
Input Current (Nom)	4.13/2.29/2.2/1.72/0.99 A A
Input Power (Nom)	455 W
Rated Lamp Power	400 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 Wiring** Determined by AWG used

**Recommended Fuse Value** 10/7/5/5/3 A

### Approval and Application

**Open Circuit Voltage Test (Volts)** 280-320 V

**Approval Marks** ULR CSA certificate RoHS Compliant

**Temperature Marking** C/C/D/C/D

**UL Recognized** Yes

**Hipot Test (1 Minute)** 2000 V

**Hipot Test (2 Seconds)** 2500 V

**UL Insulation Class** H(180°C)

**UL Temperature Code** 1029D

### Product Data

**Order product name** CORE & COIL HID 71A6051001D

**EAN/UPC - Product** 781087110379

**Order code** 913710414201

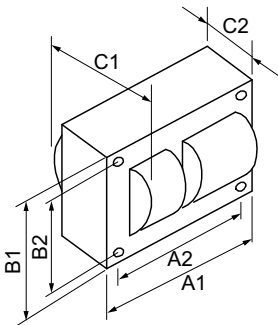
**Numerator - Quantity Per Pack** 1

**Numerator - Packs per outer box** 1

**Material Nr. (12NC)** 913710414201

**Net Weight (Piece)** 5.938 kg

### Dimensional drawing



MH BAL 400W M59 5-TAP KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A6051001D	4.45 in	2.34 in	4.8 in	4.4 in	4.3 in	3.9 in

