



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
Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
Recommended Fuse Value	10/7/5/5/3 A

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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

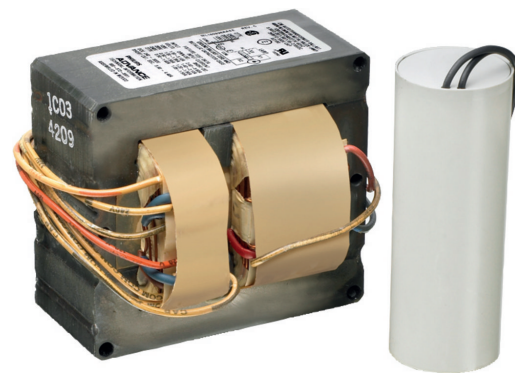
Dimensional drawing



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





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General Information		Input Frequency	
ANSI Code	M59	Input Frequency	60 Hz
Lamp Type	400W MH	Input Current (Open Circuit)	2.86/1.45/1.29/1.1/0.62 A
Number of Lamps	1 piece/unit	Input Current (Starting)	3.51/2.0/1.72/1.49/0.86 A
Circuit Type	CWA	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
Ballast Type	Magnetic HID	Secondary Short Circuit Current	3.04-4.56 A
Base Model	71A6051	Constant Wattage Deviation	10%
Core Size	4 1/4 x 4 3/4 (2 coil)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	NA	Open Circuit Voltage	300 V
Ignitor Temperature Rating	NA	Input Current (Nom)	4.13/2.29/2.2/1.72/0.99 A A
Capacitor Value	24 MFD	Input Power (Nom)	455 W
Capacitor Catalog Number	7C240P40R	Rated Lamp Power	400 W
Capacitor Requirements	400V	Wiring	
Capacitor Temperature Rating	105°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.75 in	Wire Length by Color	12"
Capacitor Height	4.8 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
Operating and Electrical		Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
Input Voltage	120/208/240/277/480 V	Recommended Fuse Value	10/7/5/5/3 A

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