



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

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

Approval and Application

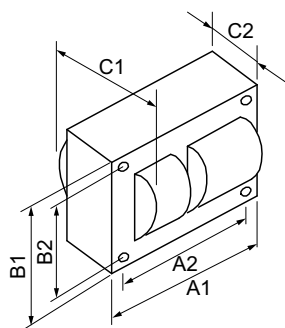
Open Circuit Voltage Test (Volts)	280-320 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/C/D/C/D
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029D
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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

