



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

## CORE & COIL HID 71A6071001D

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	71A6071	
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 V	

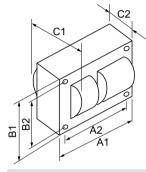
Input Frequency	60 Hz
Input Current (Open Circuit)	3/1.8/1.5/1.35 A
Input Current (Starting)	3.25/1.9/1.65/1.45 A
Input Current (Short Circuit)	2.54-3.81/1.46-2.19/1.27-1.9/1.1-1.66 A
Secondary Short Circuit Current	3.43-4.19 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	305 V
Input Current (Nom)	4/2.3/2/1.72 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 A

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Approval and Application		
Open Circuit Voltage Test (Volts)	275-335 V	
Approval Marks	ULR CSA certificate RoHS Compliant	
Temperature Marking	D/E/D/E	
UL Recognized	Yes	
Hipot Test (1 Minute)	2000 V	
Hipot Test (2 Seconds)	2500 V	
UL Insulation Class	H(180°C)	
UL Temperature Code	1029E	

Product Data	
Order product name	CORE & COIL HID 71A6071001D
EAN/UPC - Product	781087096499
Order code	913700525409
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700525409
Net Weight (Piece)	5.421 kg

#### **Dimensional drawing**



MH BAL 400W M59 QUAD KIT





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www.lighting.philips.com 2017, November 6 - data subject to change