



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	

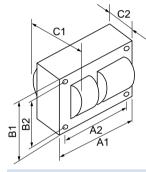
Input Frequency	60 Hz
Input Current (Open Circuit)	3/1.8/1.5/1.35 A
Input Current (Starting)	3.25/1.9/1.65/1.45 A
Input Current (Short Circuit)	2.54-3.81/1.46-2.19/1.27-1.9/1.1-1.66 A
Secondary Short Circuit Current	3.43-4.19 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)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