



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

CORE & COIL HID MH BAL 400W M59 120/220-240V 50HZ C&C

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	71A60N1			
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	MD2409100			
Capacitor Requirements	450V			
Capacitor Temperature Rating	90℃			
Capacitor Diameter/Oval Dimensions	1.75 in			
Capacitor Height	3.9 in			
Automatic Restart	No			

Operating and Electrical			
Input Voltage	120/220-240 V		
Input Frequency	50 Hz		
Inp. Current (Open Circuit)	4.1/2.1 A		
Input Current (Starting)	2.7/1.4 A		
Input Current (Short Circuit)	5.3-8.1/2.8-4.2 A		
Secondary Short Circuit Current	4.9-6.1 A		
Constant Wattage Deviation	10%		
Ballast Factor (Nom)	1		
Power Factor (Nom)	0.90		
Nominal Open Circuit Voltage	320 V		
Input Current (Operating) (Nom)	4.1/2.1 A A		
Input Power (Nom)	462 W		
Rated Lamp Watts	400 W		
Wiring			
Wire Striplength	0.5 mm		
Wire Length by Color	12"		
Wire Type	Stranded		
Remote Wiring Configuration Allowed	Yes		

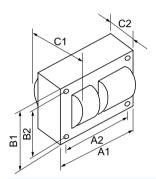
Datasheet, 2019, February 12 data subject to change

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Max Ballast-Lamp Distance Remote Wiring Determined by AWG used				
Recommended Fuse Value	10/6 A			
Approval and Application				
Open Circuit Voltage Test (Volts)	315-385 V			
Approbation Marks	RoHS Compliant CSA certificate			
Temperature Marking	D/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 MH BAL 400W M59		
	120/220-240V 50HZ C&C		
EAN/UPC - Product	781087020722		
Order code	71A60N1500		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	4		
Material Nr. (12NC)	913700565909		
Net Weight (Piece)	6.383 kg		

Dimensional drawing



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Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A60N1500	3.7 in	2.15 in	4.8 in	4.4 in	4.3 in	3.9 in

