



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°C
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
Input 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
Open Circuit Voltage	320 V
Input Current (Nom)	4.1/2.1 A A
Input Power (Nom)	462 W
Rated Lamp Power	400 W

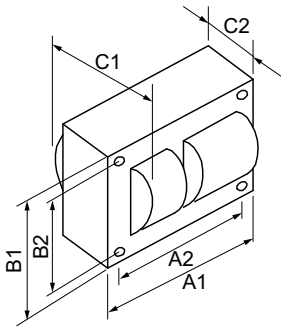
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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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
Approval 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	913700565909
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700565909
Net Weight (Piece)	6.383 kg

Dimensional drawing



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

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