



# Core & Coil (71A) MH 175W – 450W

## CORE & COIL HID MH BAL 400W M59 120/277/347V 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	71A60A1A
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 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	120/277/347 V

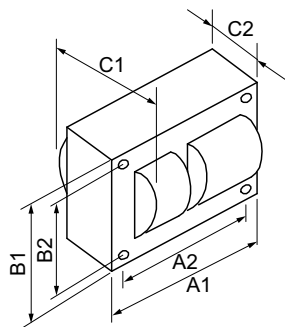
Input Frequency	60 Hz
Inp. Current (Open Circuit)	2.6/1.2/0.9 A
Input Current (Starting)	2.6/1.2/0.9 A
Input Current (Short Circuit)	2.75-4.2/1.2-1.8/0.95-1.45 A
Secondary Short Circuit Current	3.5-4.3 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1.0
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	300 V
Input Current (Operating) (Nom)	4/1.75/1.4 A A
Input Power (Nom)	460 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
Tandem Wiring Configuration Allowed	No
Through Wiring Configuration Allowed	No

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Max Ballast-Lamp Distance Remote Wiring Determined by AWG used	
Recommended Fuse Value	10/5/4 A
<b>Mechanical and Housing</b>	
Housing	NA
Housing Dimensions	NA
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	270-330 V
EMC Immunity Standard	NA
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/D/D
Sound Rating	NA
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
<b>Product Data</b>	
Order product name	CORE & COIL HID MH BAL 400W M59 120/277/347V C&C
EAN/UPC - Product	781087097816
Order code	71A60A1500DA
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700503911
Net Weight (Piece)	5.562 kg

### Dimensional drawing



MH BAL 400W M59 120/277/347V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 400W M59 120/277/347V C&C	4.00 in	2.15 in	4.8 in	4.4 in	4.3 in	3.9 in

