**PHILIPS** Lighting



# 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 105°C				
Capacitor Temperature Rating					
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					

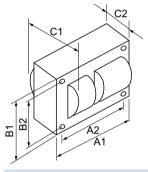
### Core & Coil (71A) MH 175W - 450W

Recommended Fuse Value					
Recommended Fuse value	10/5/4 A				
Mechanical and Housing					
Housing	A				
Housing Dimensions	A				
Approval and Application					
Open Circuit Voltage Test (Volts) 2	270-330 V				
EMC Immunity Standard	A				
Approbation Marks	JLR CSA certificate RoHS Compliant				
Temperature Marking	D/D/D				
Sound Rating	A				
UL Recognized Y	/es				
Hipot Test (1 Minute)2	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

order product name	CORE & COLETIED MIT BAE 400W MI39			
	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	4.00 in	2.15 in	4.8 in	4.4 in	4.3 in	3.9 in
120/277/347V C&C						



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