



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

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

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 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	120/277/347 V
Input Frequency	60 Hz
Input 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
Power Factor (Nom)	0.90
Open Circuit Voltage	300 V
Input Current (Nom)	4/1.75/1.4 A A
Input Power (Nom)	460 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

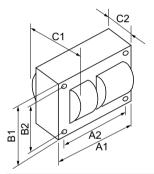
Datasheet, 2019, March 22 data subject to change

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

Max Ballast-Lamp Distance Remote	Determined by AWG used			
Wiring				
Recommended Fuse Value	10/5/4 A			
Approval and Application				
Open Circuit Voltage Test (Volts)	270-330 V			
Approval Marks	ULR CSA certificate RoHS Compliant			
Temperature Marking	D/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			
	120/277/347V KIT			
EAN/UPC - Product	781087096659			
Order code	191890			
Local order code	191890			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	1			
Material Nr. (12NC)	913700525509			
Net Weight (Piece)	5.884 kg			

#### Dimensional drawing



MH BAL 400W M59 120/277/347V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 400W M59	4 in	2.15 in	4.8 in	4.4 in	4.3 in	3.9 in
120/277/347V KIT						

