



# Core & Coil (71A) MH ~LT~ 175W

## CORE & COIL HID MH BAL 50W M110 120/277V 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	M110			
Lamp Type	50W MH			
Number of Lamps	1 piece/unit			
Circuit Type	HX-HPF			
Ballast Type	Magnetic HID			
Base Model	71A5181			
Core Size	3 X 4 (2 coil)			
Suitable For Outdoor Use	Yes			
Ignitor Catalog Number	LI533-H4			
Ignitor Temperature Rating	105°C			
Capacitor Value	6 MFD			
Capacitor Catalog Number	7C060L30RA			
Capacitor Requirements	280V			
Capacitor Temperature Rating	105°C			
Capacitor Diameter/Oval Dimensions	1.25 in			
Capacitor Height	2.75 in			
Automatic Restart	No			

Operating and Electrical					
Input Voltage	120/277 V				
Input Frequency	60 Hz				
Input Current (Open Circuit)	1.2/0.51 A				
Input Current (Starting)	0.46/0.2 A				
Input Current (Short Circuit)	0.42-0.65/0.16-0.27 A				
Secondary Short Circuit Current	0.7-0.88 A				
Constant Wattage Deviation	10%				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Open Circuit Voltage	254 V				
Input Current (Nom)	0.58/0.25 A A				
Input Power (Nom)	67 W				
Rated Lamp Power	50 W				
Wiring					
Wire Striplength	0.5 mm				
Wire Length by Color	12"				
Wire Type	Stranded				
Remote Wiring Configuration Allowed	Yes				

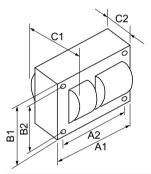
Datasheet, 2019, March 22 data subject to change

### Core & Coil (71A) MH ~LT~ 175W

Max Ballast-Lamp Distance Remote Wiring 10'				
Recommended Fuse Value	3/2 A			
Approval and Application				
Open Circuit Voltage Test (Volts)	228-280 V			
Approval Marks	ULR CSA certificate RoHS Compliant			
Temperature Marking	A/A			
UL Recognized	Yes			
Hipot Test (1 Minute)	2000 V			
Hipot Test (2 Seconds)	2500 V			
UL Insulation Class	H(180°C)			
UL Temperature Code	1029A			

Product Data			
Order product name	CORE & COIL HID MH BAL 50W M110		
	120/277V KIT		
EAN/UPC - Product	781087056028		
Order code	913710635601		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	1		
Material Nr. (12NC)	913710635601		
Net Weight (Piece)	2.201 kg		

#### Dimensional drawing



MH BAL 50W M110 120/277V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 50W M110	2.23 in	1.18 in	3.9 in	3.5 in	2.8 in	2.4 in
120/277V KIT						

