



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

## CORE & COIL HID MH BAL 250W M58 480V 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	M58				
Lamp Type	250W MH				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	71A5741				
Core Size	3 X 4 (2 coil)				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	NA				
Ignitor Temperature Rating	NA				
Capacitor Value	15 MFD				
Capacitor Catalog Number	7C150P40R				
Capacitor Requirements	400V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval Dimensions	1.75 in				
Capacitor Height	3.75 in				
Automatic Restart	No				
Operating and Electrical					
Input Voltage	480 V				

Input Frequency	60 Hz					
Input Current (Open Circuit)	0.65 A					
Input Current (Starting)	0.3 A					
Input Current (Short Circuit)	0.25-0.35 A					
Secondary Short Circuit Current	2-3 A					
Constant Wattage Deviation	8%					
Ballast Factor (Nom)	1					
Power Factor (Nom)	0.90					
Open Circuit Voltage	300 V					
Input Current (Nom)	0.65 A A					
Input Power (Nom)	298 W					
Rated Lamp Power	250 W					
Wiring						
Wire Striplength	0.5 mm					
Wire Length by Color	12"					
Wire Type	Stranded					
Remote Wiring Configuration Allowed	Yes					
Max Ballast-Lamp Distance Remote Wiring Determined by AWG used						
Recommended Fuse Value	2 A					

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Approval and Application	
Open Circuit Voltage Test (Volts)	270-330 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	Н
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029H
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KIT

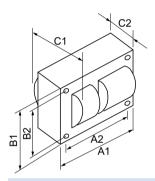
CORE & COIL HID MH BAL 250W M58 480V

EAN/UPC - Product	781087096482
Order code	913700503391
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700503391
Net Weight (Piece)	4.478 kg

#### **Product Data**

Order product name

### Dimensional drawing



MH BAL 250W M58 480V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 250W M58	4.2 in	3 in	3.9 in	3.5 in	2.8 in	2.4 in
480V KIT						



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