



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

# CORE & COIL HID MH BAL 175W M57 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	M57-M107			
Lamp Type	175/150W MH			
Number of Lamps	1 piece/unit			
Circuit Type	CWA			
Ballast Type	Magnetic HID			
Base Model	71A5540			
Core Size	3 X 4 (2 coil)			
Suitable For Outdoor Use	Yes			
Ignitor Catalog Number	NA			
Ignitor Temperature Rating	NA			
Capacitor Value	10 MFD			
Capacitor Catalog Number	7C100M40R			
Capacitor Requirements	400V			
Capacitor Temperature Rating	105°C			
Capacitor Diameter/Oval Dimensions	1.45 in			
Capacitor Height	3.75 in			
Automatic Restart	No			
Operating and Electrical				
Input Voltage	480 V			

Input Frequency	60 Hz				
Input Current (Open Circuit)	0.45 A				
Input Current (Starting)	0.35 A				
Input Current (Short Circuit)	0.15-0.3 A				
Secondary Short Circuit Current	1.5-1.9 A				
Constant Wattage Deviation	10%				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Open Circuit Voltage	305 V				
Input Current (Nom)	0.45 A A				
Input Power (Nom)	210 W				
Rated Lamp Power	175/150 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				

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

Approval and Application					
Open Circuit Voltage Test (Volts)	275-335 V				
Approval Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	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				

KIT

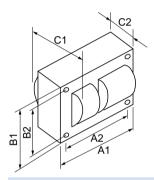
CORE & COIL HID MH BAL 175W M57 480V

EAN/UPC - Product	781087096444
Order code	913700565809
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700565809
Net Weight (Piece)	3.439 kg

#### Product Data

Order product name

#### **Dimensional drawing**



MH BAL 175W M57 480V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 175W M57 480V	4 in	2.4 in	3.9 in	3.5 in	2.8 in	2.4 in
КІТ						



 $\odot$  2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2019, March 22 - data subject to change