**PHILIPS** Lighting



# Core & Coil (71A) MH ~GT~ 450W

## CORE & COIL HID MH BAL 1000W M47 347/480/120T 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	M47	
Lamp Type	1000W MH	
Number of Lamps	1 piece/unit	
Circuit Type	CWA	
Ballast Type	Magnetic HID	
Base Model	71A65F0T	
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	MD2409000	
Capacitor Requirements	480V	
Capacitor Temperature Rating	90°C	
Capacitor Diameter/Oval Dimensions	1.75 in	
Capacitor Height	3.9 in	
Automatic Restart	No	

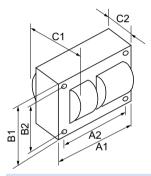
Operating and Electrical	
Input Voltage	347/480/120T V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.5/1.1 A
Input Current (Starting)	2.5/1.8 A
Input Current (Short Circuit)	1.95-2.95/1.4-2.1 V
Secondary Short Circuit Current	4.9-6.1 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	415 V
Input Current (Nom)	3.1/2.25 A A
Input Power (Nom)	1070 W
Rated Lamp Power	1000 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

### Core & Coil (71A) MH ~GT~ 450W

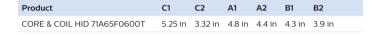
Max Ballast-Lamp Distance Remote Wiring Determined by AWG used		
Recommended Fuse Value	8/6 A	
Approval and Application		
Open Circuit Voltage Test (Volts)	370-460 V	
Approval Marks	ULR CSA certificate RoHS Compliant	
Temperature Marking	D/D	
UL Recognized	Yes	
Hipot Test (1 Minute)	2000 V	
Hipot Test (2 Seconds)	2500 V	
UL Insulation Class	H(180°C)	
UL Temperature Code	1029D	

Product Data	
Order product name	CORE & COIL HID MH BAL 1000W M47
	347/480/120T C&C
EAN/UPC - Product	781087042014
Order code	913710575002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710575002
Net Weight (Piece)	8.608 kg

#### **Dimensional drawing**



MH BAL 1000W M47 347/480/120T C&C





© 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, February 12 - data subject to change