



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

## CORE & COIL HID MH BAL 1000W M141 QUAD 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	M141			
Lamp Type	1000W MH			
Number of Lamps	1 piece/unit			
Circuit Type	CWA			
Ballast Type	Magnetic HID			
Base Model	71A6591			
Core Size	4 1/4 x 4 3/4 (2 coil)			
Suitable For Outdoor Use	Yes			
Ignitor Catalog Number	LI572-H5			
Ignitor Temperature Rating	105°C			
Capacitor Value	24 MFD			
Capacitor Catalog Number	MD2409000			
Capacitor Requirements	480V			
Capacitor Temperature Rating	90℃			
Capacitor Diameter/Oval Dimensions	1.75 in			
Capacitor Height	3.9 in			
Automatic Restart	No			

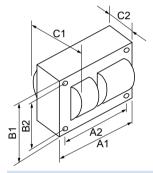
Operating and Electrical					
Input Voltage	120/208/240/277 V				
Input Frequency	60 Hz				
Input Current (Open Circuit)	5/2.7/2.5/2.2 A				
Input Current (Starting)	7/4/3.5/3 A				
Input Current (Short Circuit)	5.3-8/3.1-4.7/2.65-4/2.3-3.5 V				
Secondary Short Circuit Current	4.9-6.1 A				
Constant Wattage Deviation	10%				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Open Circuit Voltage	415 V				
Input Current (Nom)	9/5.2/4.5/3.9 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	5'				
Wiring					
Recommended Fuse Value	20/15/10/10 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	370-460 V				
Approval Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	A/A/A/A				
UL Recognized	Yes				
Hipot Test (1 Minute)	1500 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	N(AC200°C)				
UL Temperature Code	1029A				

Product Data	
Order product name	CORE & COIL HID MH BAL 1000W M141
	QUAD C&C
EAN/UPC - Product	781087044186
Order code	913710582402
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710582402
Net Weight (Piece)	8.605 kg

#### **Dimensional drawing**



MH BAL 1000W M141 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A6591600	5.25 in	3.32 in	4.8 in	4.4 in	4.3 in	3.9 in



© 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