



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	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	71A6593
Core Size	4 1/4 x 6 (2 Coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI571-H5
Ignitor Temperature Rating	105°C
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

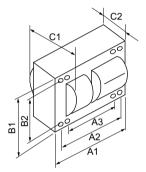
Operating and Electrical					
Input Voltage	120/208/240/277 V				
Input Frequency	60 Hz				
Input Current (Open Circuit)	4.5/2.7/2.3/2.2 A				
Input Current (Starting)	7.8/4/3.7/3.2 A				
Input Current (Short Circuit)	5.6-8.6/3.2-4.8/2.8-4.3/2.4-3.75 V				
Secondary Short Circuit Current	5.2-6.4 A				
Constant Wattage Deviation	12%				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Open Circuit Voltage	430 V				
Input Current (Nom)	9/5.2/4.5/3.9 A A				
Input Power (Nom)	1080 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)	385-475 V				
Approval Marks	ULR RoHS Compliant				
Temperature Marking	D/B/B/B				
UL Recognized	Yes				
Hipot Test (1 Minute)	1500 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 M141 QUAD				
	C&C				
EAN/UPC - Product	781087100738				
Order code	192427				
Local order code	192427				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	2				
Material Nr. (12NC)	913700536809				
Net Weight (Piece)	9.966 kg				

Dimensional drawing



MH BAL 1000W M141 QUAD C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6593500	4.5 in	2.8 in	6 in	5.4 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