



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

## CORE & COIL HID MH BAL 1000W M141 277/347/480V/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	M141
Lamp Type	1000W MH
Number of Lamps	1 piece/unit
Circuit Type	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	71A65F3TA
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	277/347/480/120T V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	1.91/1.05/1.52 A
Input Current (Starting)	3.13/1.81/2.46 A
Input Current (Short Circuit)	2.5-3.76/1.45-2.17/1.97-2.95 V
Secondary Short Circuit Current	4.6-6.9 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	433 V
Input Current (Operating) (Nom)	3.96/2.26/3.17 A A
Input Power (Nom)	1080 W
Rated Lamp Watts	1000 W

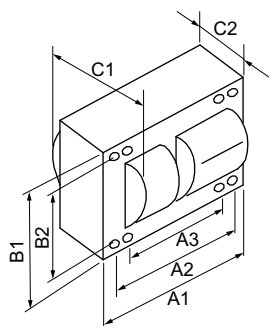
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote	5'
Wiring	
Recommended Fuse Value	10/6/8 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	390-476 V
Approbation Marks	ULR RoHS Compliant
Temperature Marking	A/A/A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	N(AC200°C)
UL Temperature Code	1029A

<b>Product Data</b>	
Order product name	CORE & COIL HID MH BAL 1000W M141 277/347/480V/120T C&C
EAN/UPC - Product	781087091692
Order code	71A65F3500TA
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913701121102
Net Weight (Piece)	9.989 kg

### Dimensional drawing



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Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A65F3500TA	5.3 in	3.30 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

