



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

## CORE & COIL HID MH BAL 1500W M48 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	M48				
Lamp Type	1500W MH				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	71A6742T				
Core Size	4 1/4 x 6				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	NA				
Ignitor Temperature Rating	NA				
Capacitor Value	32 MFD				
Capacitor Catalog Number	MD3202100				
Capacitor Requirements	525V				
Capacitor Temperature Rating	90℃				
Capacitor Diameter/Oval Dimensions	2 in				
Capacitor Height	3.75 in				
Automatic Restart	No				

Operating and Electrical			
Input Voltage	480/120T V		
Input Frequency	60 Hz		
Input Current (Open Circuit)	1.4 A		
Input Current (Starting)	3.3 A		
Input Current (Short Circuit)	2.4-3.7 V		
Secondary Short Circuit Current	7.4-9 A		
Constant Wattage Deviation	12%		
Ballast Factor (Nom)	1		
Power Factor (Nom)	0.90		
Open Circuit Voltage	450 V		
Input Current (Nom)	3.4 A A		
Input Power (Nom)	1625 W		
Rated Lamp Power	1500 W		
Wiring			
Wire Striplength	0.5 mm		
Wire Length by Color	12"		
Wire Type	Stranded		
Remote Wiring Configuration Allowed	Yes		

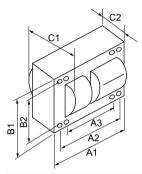
Datasheet, 2019, March 22 data subject to change

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Max Ballast-Lamp Distance Remote Wiring Determined by AWG used				
Recommended Fuse Value	10 A			
Approval and Application				
Open Circuit Voltage Test (Volts)	405-495 V			
Approval Marks	ULR CSA certificate RoHS Compliant			
Temperature Marking	E			
UL Recognized	Yes			
Hipot Test (1 Minute)	2000 V			
Hipot Test (2 Seconds)	2500 V			
UL Insulation Class	H(180°C)			
UL Temperature Code	1029E			

Product Data				
Order product name	CORE & COIL HID MH BAL 1500W M48			
	480V/120T C&C			
EAN/UPC - Product	781087101001			
Order code	913710520702			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	2			
Material Nr. (12NC)	913710520702			
Net Weight (Piece)	13.831 kg			

#### Dimensional drawing



MH BAL 1500W M48 480V/120T C&C

Product	C1	C2	A1	A2	А3	B1	B2
CORE & COIL HID MH BAL 1500W	6.2 in	4.2 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
M48 480V/120T C&C							



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