



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

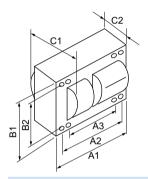
Operating and Electrical	
Input Voltage	480/120T V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	1.4 A
Input Current (Starting)	3.3 A
Input Current (Short Circuit)	2.4-3.7 V
Secondary Short Circuit Current	7.4-9 A
Constant Wattage Deviation	12%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	450 V
Input Current (Operating) (Nom)	3.4 A A
Input Power (Nom)	1625 W
Rated Lamp Watts	1500 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 Wiring Determined by AWG used					
Recommended Fuse Value	10 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	405-495 V				
Approbation 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	71A6742500T				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	2				
Material Nr. (12NC)	913710520702				
Net Weight (Piece)	13.831 kg				

Dimensional drawing



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Product	C1	C2	A1	A2	A3	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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www.lighting.philips.com 2019, March 22 - data subject to change