



# 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
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

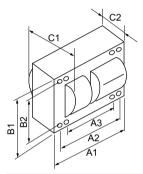
Datasheet, 2019, March 8 data subject to change

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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	
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	781087023013
Order code	71A6742600T
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710521102
Net Weight (Piece)	13.808 kg

#### Dimensional drawing



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