**PHILIPS** Lighting



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

## CORE & COIL HID MH BAL 1500W M48 120/277/347V 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	71A67A2				
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°C				
Capacitor Diameter/Oval Dimensions	2 in				
Capacitor Height	3.75 in				
Automatic Restart	No				

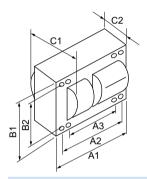
Operating and Electrical	
Input Voltage	120/277/347 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	4.8/2/1.7 A
Input Current (Starting)	13.4/5.7/4.6 A
Input Current (Short Circuit)	9.8-14.8/4.4-6.7/3.5-5.3 V
Secondary Short Circuit Current	7.4-9/7.4-9/7.4-9 A
Constant Wattage Deviation	12%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	450 V
Input Current (Operating) (Nom)	13.5/5.85/4.8 A A
Input Power (Nom)	1615 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	30/15/15 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	405-495 V				
Approbation Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	G/G/G				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029G				

Product Data					
Order product name	CORE & COIL HID MH BAL 1500W M48				
	120/277/347V C&C				
EAN/UPC - Product	781087022726				
Order code	71A67A2600				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	2				
Material Nr. (12NC)	913700504361				
Net Weight (Piece)	13.753 kg				

### Dimensional drawing



MH BAL 1500W M48 120/277/347V C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID MH BAL 1500W	6.1 in	4.10 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
M48 120/277/347V C&C							



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www.lighting.philips.com 2019, March 22 - data subject to change