



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

**CORE & COIL HID MH BAL 1000W M47
120/220/240V 50HZ 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	M47
Lamp Type	1000W MH
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A65N2
Core Size	4 1/4 x 6 (2 Coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	NA
Ignitor Temperature Rating	NA
Capacitor Value	26 MFD
Capacitor Catalog Number	MD2602100
Capacitor Requirements	525V
Capacitor Temperature Rating	90°C
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	5.3 in
Automatic Restart	No

Operating and Electrical

Input Voltage	120/220/240 V
Input Frequency	50 Hz
Inp. Current (Open Circuit)	4/2.1/2 A
Input Current (Starting)	8.2/4.5/4.1 A
Input Current (Short Circuit)	12-18/6.5-9.8/6-9 V
Secondary Short Circuit Current	7.7-9.4 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	450 V
Input Current (Operating) (Nom)	9.3/5/4.5 A A
Input Power (Nom)	1090 W
Rated Lamp Watts	1000 W

Wiring

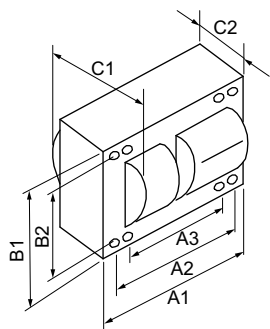
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring Determined by AWG used	
Recommended Fuse Value	24/13/13 A
Approval and Application	
Open Circuit Voltage Test (Volts)	430-520 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/C/C
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029D

Product Data	
Order product name	CORE & COIL HID MH BAL 1000W M47 120/220/240V 50HZ C&C
EAN/UPC - Product	781087058244
Order code	71A65N2500
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913700504291
Net Weight (Piece)	10.465 kg

Dimensional drawing



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Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID MH BAL 1000W M47 120/220/240V 50HZ C&C	5 in	3 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

