



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

CORE & COIL HID 71A6542510

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	Input Frequency	60 Hz
Lamp Type	1000W MH	Input Current (Open Circuit)	1.2 A
Number of Lamps	1 piece/unit	Input Current (Starting)	1.9 A
Circuit Type	CWA	Input Current (Short Circuit)	1.4-2.15 V
Ballast Type	Magnetic HID	Secondary Short Circuit Current	5.2-6.4 A
Base Model	71A6542	Constant Wattage Deviation	10%
Core Size	4 1/4 x 6 (2 Coil)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	NA	Open Circuit Voltage	430 V
Ignitor Temperature Rating	NA	Input Current (Nom)	2.25 A A
Capacitor Value	24 MFD	Input Power (Nom)	1080 W
Capacitor Catalog Number	MD2409000	Rated Lamp Power	1000 W
Capacitor Requirements	480V		
Capacitor Temperature Rating	90°C		
Capacitor Diameter/Oval Dimensions	1.75 in		
Capacitor Height	3.9 in		
Automatic Restart	No		
Operating and Electrical			
Input Voltage	480 V		

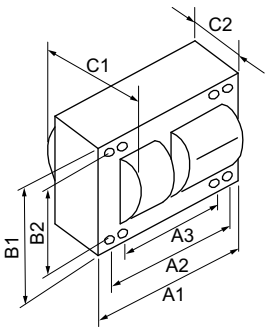
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
Recommended Fuse Value	6 A

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Approval and Application	
Open Circuit Voltage Test (Volts)	385-475 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D
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 71A6542510
EAN/UPC - Product	781087022436
Order code	913710474702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710474702
Net Weight (Piece)	9.345 kg

Dimensional drawing



Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6542510	4.5 in	2.6 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

MH BAL 1000W M47 480V C&C

