



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

## CORE & COIL HID 71A6542500TA

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	71A6542TA
Core Size	4 1/4 x 6 (2 Coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	NA
Ignitor Temperature Rating	NA
Capacitor Value	24 MFD
Capacitor Catalog Number	MD2409000
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	480/120T V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.2 A
Input Current (Starting)	1.9 A
Input Current (Short Circuit)	1.4-2.15 V
Secondary Short Circuit Current	5.2-6.4 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	430 V
Input Current (Nom)	2.25 A A
Input Power (Nom)	1080 W
Rated Lamp Power	1000 W

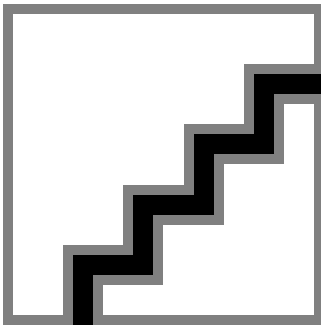
Wiring	
Wire Striplength	0.5 mm
Wire Length By Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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<b>Max Ballast-Lamp Distance Remote Wiring</b>	Determined by AWG used
<b>Recommended Fuse Value</b>	6 A
<b>Approval and Application</b>	
<b>Open Circuit Voltage Test (Volts)</b>	385-475 V
<b>Approval Marks</b>	ULR CSA certificate RoHS Compliant
<b>Temperature Marking</b>	D
<b>UL Recognized</b>	Yes
<b>Hipot Test (1 Minute)</b>	2000 V
<b>Hipot Test (2 Seconds)</b>	2500 V
<b>UL Insulation Class</b>	H(180°C)
<b>UL Temperature Code</b>	1029D

<b>Product Data</b>	
<b>Order product name</b>	CORE & COIL HID 71A6542500TA
<b>EAN/UPC - Product</b>	781087082409
<b>Order code</b>	913701135201
<b>Numerator - Quantity Per Pack</b>	1
<b>Numerator - Packs per outer box</b>	2
<b>Material Nr. (12NC)</b>	913701135201
<b>Net Weight (Piece)</b>	9.231 kg

### Dimensional drawing



MH BAL 1000W M47 480V/120T C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6542500TA	5 in	3.05 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

