



# Core & Coil (71A) MH ~LT~ 175W

## CORE & COIL HID 71A52A2510D

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		Electrical	
ANSI Code	M98-M143	Input Frequency	60 Hz
Lamp Type	70W MH	Input Current (Open Circuit)	1.9/0.8/0.65 A
Number of Lamps	1 piece/unit	Input Current (Starting)	0.55/0.25/0.2 A
Circuit Type	HX-HPF	Input Current (Short Circuit)	0.55-0.8/0.25-0.45/0.2-0.35 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	0.95-1.25 A
Base Model	71A52A2	Constant Wattage Deviation	10%
Core Size	3 X 4 (2 coil)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	LI533-H4	Open Circuit Voltage	255 V
Ignitor Temperature Rating	105°C	Input Current (Nom)	0.81/0.35/0.28 A A
Capacitor Value	8 MFD	Input Power (Nom)	88 W
Capacitor Catalog Number	7C080L30RA	Rated Lamp Power	70 W
Capacitor Requirements	280V	Wiring	
Capacitor Temperature Rating	105°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.25 in	Wire Length by Color	12"
Capacitor Height	2.75 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
Operating and Electrical		Max Ballast-Lamp Distance Remote Wiring	15'
Input Voltage	120/277/347 V	Recommended Fuse Value	4/2/2 A

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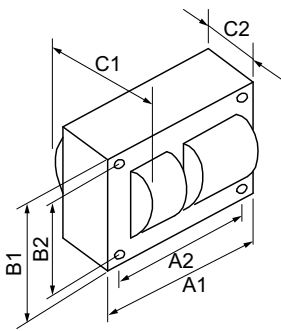
### Approval and Application

Open Circuit Voltage Test (Volts)	230-280 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A/A/A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029A

### Product Data

Order product name	CORE & COIL HID 71A52A2510D
EAN/UPC - Product	781087047279
Order code	913700502611
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	913700502611
Net Weight (Piece)	2.337 kg

### Dimensional drawing



MH BAL 70W M98/143 120/277/347V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A52A2510D	2.75 in	1.45 in	3.9 in	3.5 in	2.8 in	2.4 in

