

# Core & Coil (71A) MH 175W - 450W

## CORE & COIL HID 71A5993500DAEE

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	M131-M171
Lamp Type	350W MH
Number Of Lamps	1 piece/unit
Circuit Type	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	71A5993AEE
Core Size	4 1/4 x 4 3/4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI533-H4
Ignitor Temperature Rating	105°C
Capacitor Value	22.5 MFD
Capacitor Catalog Number	7C225P40
Capacitor Requirements	345V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	4.80 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/208/240/277 V
Input Frequency	60 Hz
Input Current (Open Circuit)	2.2/1.27/1.12/1 A
Input Current (Starting)	2.55/1.45/1.27/1.1 A
Input Current (Short Circuit)	2.04-3.06/1.16-1.75/1.01-1.52/0.88-1.32 A
Secondary Short Circuit Current	3.25-4 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	280 V
Input Current (Nom)	3.4/2/1.7/1.5 A A
Input Power (Nom)	397 W
Rated Lamp Power	350 W

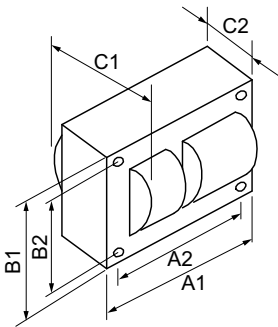
Wiring	
Wire Striplength	0.5 mm
Wire Length By Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring	2'
Recommended Fuse Value	10/7/5/5 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	250-300 V
Approval Marks	ULR CSA certificate EISA RoHS Compliant
Temperature Marking	A/B/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	1029B

<b>Product Data</b>	
Order product name	CORE & COIL HID 71A5993500DAEE
EAN/UPC - Product	781087070659
Order code	913710666202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710666202
Net Weight (Piece)	5.503 kg

### Dimensional drawing



MH BAL 350W M131 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5993500DAEE	4.05 in	2.13 in	4.8 in	4.4 in	4.3 in	3.9 in

