



Core & Coil (71A) MH 175W – 450W

CORE & COIL HID 71A5943500DTAEE

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	71A5943TAEE
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	480/120T V

Input Frequency	60 Hz
Input Current (Open Circuit)	0.55 A
Input Current (Starting)	0.64 A
Input Current (Short Circuit)	0.51-0.77 A
Secondary Short Circuit Current	3.1-3.8 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	280 V
Input Current (Nom)	0.83 A A
Input Power (Nom)	400 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
Max Ballast-Lamp Distance Remote Wiring	2'
Recommended Fuse Value	3 A

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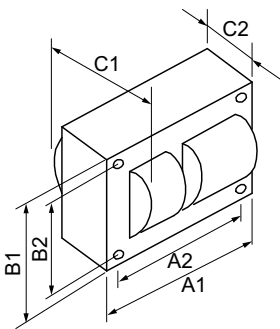
Approval and Application

Open Circuit Voltage Test (Volts)	254-310 V
Approval Marks	ULR CSA certificate EISA RoHS Compliant
Temperature Marking	B
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

Product Data

Order product name	CORE & COIL HID 71A5943500DTAEE
EAN/UPC - Product	781087070642
Order code	913710666102
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710666102
Net Weight (Piece)	5.630 kg

Dimensional drawing



MH BAL 350W M131 480V/120T C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5943500DTAEE	4.15 in	2.20 in	4.8 in	4.4 in	4.3 in	3.9 in

