



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

CORE & COIL HID 71A5593500DEE

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		Operating and Electrical	
ANSI Code	M137-M152	Input Voltage	120/208/240/277 V
Lamp Type	175W MH	Input Frequency	60 Hz
Number Of Lamps	1 piece/unit	Input Current (Open Circuit)	2.0/1.16/1.15/0.85 A
Circuit Type	SUPER-CWA	Input Current (Starting)	0.5/0.28/0.22/0.2 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	0.4-0.6/0.23-0.34/0.17-0.26/0.16-0.25 A
Base Model	71A5593EE	Secondary Short Circuit Current	1.6-1.96 A
Core Size	3 X 4 (2 coil)	Constant Wattage Deviation	10%
Suitable For Outdoor Use	Yes	Ballast Factor (Nom)	1
Ignitor Catalog Number	LI533-H4	Power Factor (Nom)	0.90
Ignitor Temperature Rating	105°C	Open Circuit Voltage	285 V
Capacitor Value	11 MFD	Input Current (Nom)	1.78/1.08/0.89/0.76 A A
Capacitor Catalog Number	7C110M40	Input Power (Nom)	208 W
Capacitor Requirements	370V	Rated Lamp Power	175 W
Capacitor Temperature Rating	105°C	Wiring	
Capacitor Diameter/Oval Dimensions	1.65 in	Wire Striplength	0.5 mm
Capacitor Height	3.75 in	Wire Length By Color	12"
Automatic Restart	No	Wire Type	Stranded
		Remote Wiring Configuration Allowed	Yes

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

Max Ballast-Lamp Distance Remote Wiring	2'
Recommended Fuse Value	5/3/3/2 A

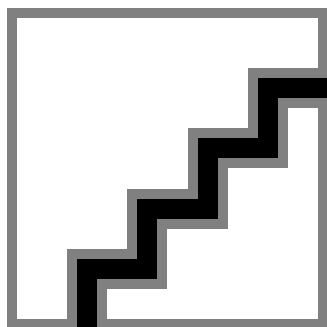
Approval and Application

Open Circuit Voltage Test (Volts)	250-300 V
Approval Marks	ULR CSA certificate EISA RoHS Compliant
Temperature Marking	A/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 71A5593500DEE
EAN/UPC - Product	781087072059
Order code	913710664402
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710664402
Net Weight (Piece)	4.781 kg

Dimensional drawing



MH BAL 175W M137/M152 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5593500DEE	4.41 in	3.20 in	3.9 in	3.5 in	2.8 in	2.4 in

