



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

CORE & COIL HID 71A6092001D

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	M135-M155
Lamp Type	400W MH
Number of Lamps	1 piece/unit
Circuit Type	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	71A6092AEE
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	26 MFD
Capacitor Catalog Number	7C260P33R
Capacitor Requirements	330V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	4.8 in
Automatic Restart	No
Operating and Electrical	
Input Voltage	120/208/240/277 V

Input Frequency	60 Hz
Input Current (Open Circuit)	2.6/1.56/1.31/1.17 A
Input Current (Starting)	2.97/1.68/1.48/1.3 A
Input Current (Short Circuit)	2.4-3.6/1.4-2.1/1.2-1.8/1.05-1.55 A
Secondary Short Circuit Current	3.6-4.5 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	275 V
Input Current (Nom)	3.8/2.2/1.9/1.65 A A
Input Power (Nom)	452 W
Rated Lamp Power	400 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	10/7/5/5 A

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Approval and Application

Open Circuit Voltage Test (Volts)	248-302 V
Approval Marks	ULR CSA certificate EISA RoHS Compliant
Temperature Marking	D/D/D/D
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029D

Product Data

Order product name	CORE & COIL HID 71A6092001D
EAN/UPC - Product	781087098035
Order code	913700535809
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700535809
Net Weight (Piece)	5.983 kg

Dimensional drawing



MH BAL 400W M135/155 QUAD KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A6092001D	4.1 in	2.16 in	4.8 in	4.4 in	4.3 in	3.9 in





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General Information		Electrical	
ANSI Code	M135-M155	Input Frequency	60 Hz
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Number of Lamps	1 piece/unit	Input Current (Starting)	2.97/1.68/1.48/1.3 A
Circuit Type	SUPER-CWA	Input Current (Short Circuit)	2.4-3.6/1.4-2.1/1.2-1.8/1.05-1.55 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	3.6-4.5 A
Base Model	71A6092AEE	Constant Wattage Deviation	10%
Core Size	4 1/4 x 4 3/4 (2 coil)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	LI533-H4	Open Circuit Voltage	275 V
Ignitor Temperature Rating	105°C	Input Current (Nom)	3.8/2.2/1.9/1.65 A A
Capacitor Value	26 MFD	Input Power (Nom)	452 W
Capacitor Catalog Number	7C260P33R	Rated Lamp Power	400 W
Capacitor Requirements	330V	Wiring	
Capacitor Temperature Rating	105°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.75 in	Wire Length by Color	12"
Capacitor Height	4.8 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
Operating and Electrical		Max Ballast-Lamp Distance Remote Wiring	2'
Input Voltage	120/208/240/277 V	Recommended Fuse Value	10/7/5/5 A

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