



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

## CORE & COIL HID 71A5081001D

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	M130
Lamp Type	35/39W MH
Number Of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	71A5081
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI533-H4
Ignitor Temperature Rating	105°C
Capacitor Value	5 MFD
Capacitor Catalog Number	7C050L30RA
Capacitor Requirements	277V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.25 in
Capacitor Height	2.25 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/277 V
Input Frequency	60 Hz
Power (Rated) (Nom)	35/39 W
Input Current (Open Circuit)	0.9/0.4 A
Input Current (Starting)	0.5/0.22 A
Input Current (Short Circuit)	0.35-0.55/0.15-0.25 A
Secondary Short Circuit Current	0.6-0.75/0.6-0.75 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	230 V
Input Current (Nom)	0.45/0.2 A A
Input Power (Nom)	56 W
Rated Lamp Power	35/39W W

Wiring	
Wire Striplength	0.5 mm
Wire Length By Color	12"
Wire Type	Stranded

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Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	15'
Recommended Fuse Value	3/1 A

Approval and Application

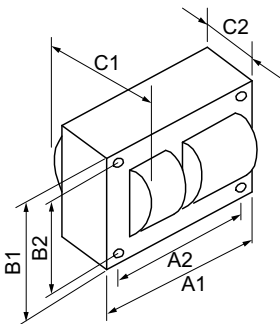
Open Circuit Voltage Test (Volts)	205-255 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	B/A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029B
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Product Data

Order product name	CORE & COIL HID 71A5081001D
EAN/UPC - Product	781087109854
Order code	913701147701
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913701147701
Net Weight (Piece)	1.783 kg

Dimensional drawing



MH BAL 35/39W M130 120/277V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5081001D	2.1 in	0.8 in	3.9 in	3.5 in	2.8 in	2.4 in

