



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

CORE & COIL HID MH BAL 400W M59 120/220-240V 50HZ C&C

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	M59	Input Voltage	120/220-240 V
Lamp Type	400W MH	Input Frequency	50 Hz
Number of Lamps	1 piece/unit	Inp. Current (Open Circuit)	4.1/2.1 A
Circuit Type	CWA	Input Current (Starting)	2.7/1.4 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	5.3-8.1/2.8-4.2 A
Base Model	71A60N1	Secondary Short Circuit Current	4.9-6.1 A
Core Size	4 1/4 x 4 3/4 (2 coil)	Constant Wattage Deviation	10%
Suitable For Outdoor Use	Yes	Ballast Factor (Nom)	1
Ignitor Catalog Number	NA	Power Factor (Nom)	0.90
Ignitor Temperature Rating	NA	Nominal Open Circuit Voltage	320 V
Capacitor Value	24 MFD	Input Current (Operating) (Nom)	4.1/2.1 A A
Capacitor Catalog Number	MD2409100	Input Power (Nom)	462 W
Capacitor Requirements	450V	Rated Lamp Watts	400 W
Capacitor Temperature Rating	90°C		
Capacitor Diameter/Oval Dimensions	1.75 in	Wiring	
Capacitor Height	3.9 in	Wire Striplength	0.5 mm
Automatic Restart	No	Wire Length by Color	12"
		Wire Type	Stranded

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Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
Recommended Fuse Value	10/6 A

Approval and Application

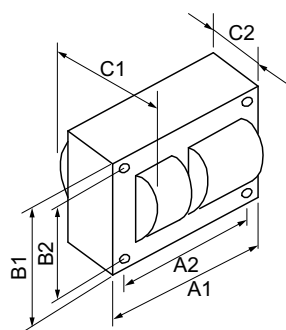
Open Circuit Voltage Test (Volts)	315-385 V
Approbation Marks	RoHS Compliant CSA certificate
Temperature Marking	D/D
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029D
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Product Data

Order product name	CORE & COIL HID 71A60N1500
EAN/UPC - Product	781087020722
Order code	71A60N1500
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700565909
Net Weight (Piece)	6.383 kg

Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A60N1500	3.7 in	2.15 in	4.8 in	4.4 in	4.3 in	3.9 in

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