



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

CORE & COIL HID MH BAL 350W M131 QUAD 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					
ANSI Code	M131-M171				
Lamp Type	350W MH				
Number of Lamps	1 piece/unit				
Circuit Type	SUPER-CWA				
Ballast Type	Magnetic HID				
Base Model	71A5993AEE				
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					

120/208/240/277 V

Input Frequency	60 Hz					
Input Current (Open Circuit)	2.2/1.27/1.12/1 A					
Input Current (Starting)	2.55/1.45/1.27/1.1 A					
Input Current (Short Circuit)	2.04-3.06/1.16-1.75/1.01-1.52/0.88-1.32 A					
Secondary Short Circuit Current	3.25-4 A					
Constant Wattage Deviation	10%					
Ballast Factor (Nom)	1					
Power Factor (Nom)	0.90					
Open Circuit Voltage	280 V					
Input Current (Nom)	3.4/2/1.7/1.5 A A					
Input Power (Nom)	397 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	2'					
Wiring						

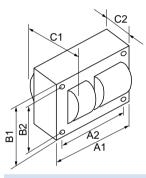
Input Voltage

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Recommended Fuse Value	10/7/5/5 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	250-300 V				
Approval Marks	ULR CSA certificate EISA RoHS Compliant				
Temperature Marking	A/B/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	1029B				

Product Data					
Order product name	CORE & COIL HID MH BAL 350W M131 QUAD C				
EAN/UPC - Product	781087070659				
Order code	913710666202				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	4				
Material Nr. (12NC)	913710666202				
Net Weight (Piece)	5.503 kg				

Dimensional drawing



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Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5993500DAEE	4.05 in	2.13 in	4.8 in	4.4 in	4.3 in	3.9 in



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