



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

## CORE & COIL HID MH BAL 320W M132/M154 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	M132-M154			
Lamp Type	320W MH			
Number of Lamps	1 piece/unit			
Circuit Type	SUPER-CWA			
Ballast Type	Magnetic HID			
Base Model	71A5892AEE			
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	21 MFD			
Capacitor Catalog Number	7C210P40R			
Capacitor Requirements	400V			
Capacitor Temperature Rating	105°C			
Capacitor Diameter/Oval Dimensions	1.75 in			
Capacitor Height	4.80 in			
Automatic Restart	No			

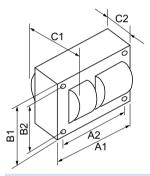
Operating and Electrical	
Input Voltage	120/208/240/277 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	1.46/0.79/0.74/0.62 A
Input Current (Starting)	2.7/1.52/1.35/1.16 A
Input Current (Short Circuit)	2.16-3.24/1.21-1.82/1.08-1.62/0.93-1.39 A
Secondary Short Circuit Current	2.9-3.6 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	280 V
Input Current (Operating) (Nom)	3.25/1.9/1.65/1.4 A A
Input Power (Nom)	368 W
Rated Lamp Watts	320 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring	2'		
Recommended Fuse Value	8/6/5/3 A		
Approval and Application			
Open Circuit Voltage Test (Volts)	254-310 V		
Approbation 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 71A5892600AEE
EAN/UPC - Product	781087075197
Order code	71A5892600AEE
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710673402
Net Weight (Piece)	5.058 kg

### Dimensional drawing



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Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5892600AEE	3.77 in	2.06 in	4.8 in	4.4 in	4.3 in	3.9 in



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