



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

## **CORE & COIL HID 71A5390001D**

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	M90-M140			
Lamp Type	100 MH			
Number of Lamps	1 piece/unit			
Circuit Type	HX-HPF			
Ballast Type	Magnetic HID			
Base Model	71A5390			
Core Size	3 X 4 (2 LW)			
Suitable For Outdoor Use	Yes			
Ignitor Catalog Number	LI533-H4			
Ignitor Temperature Rating	105°C			
Capacitor Value	12 MFD			
Capacitor Catalog Number	7C120M30RA			
Capacitor Requirements	280V			
Capacitor Temperature Rating	105°C			
Capacitor Diameter/Oval Dimensions	1.65 in			
Capacitor Height	2.75 in			
Automatic Restart	No			
Operating and Electrical				
Input Voltage	120/208/240/277 V			

Input Frequency	60 Hz				
Input Current (Open Circuit)	2.5/1.5/1.3/1.12 A				
Input Current (Starting)	1.24/0.54/0.45/0.4 A				
Input Current (Short Circuit)	0.63-0.95/0.43-0.65/0.37-0.55/0.29-0.44 A				
Secondary Short Circuit Current	1.35-1.7 A				
Constant Wattage Deviation	12%				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Open Circuit Voltage	260 V				
Input Current (Nom)	1.15/0.66/0.58/0.5 A A				
Input Power (Nom)	129 W				
Rated Lamp Power	100 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	20'				
Recommended Fuse Value	10/5/5/4 A				

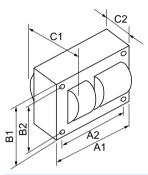
Datasheet, 2017, November 6 data subject to change

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Approval and Application					
Open Circuit Voltage Test (Volts)	240-300 V				
Approval Marks	ULR CSA certificate RoHS Complian				
Temperature Marking	B/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 71A5390001D		
AN/UPC - Product	781087017838		
Order code	913700533009		
Numerator - Quantity Per Pack	1		
lumerator - Packs per outer box	1		
Material Nr. (12NC)	913700533009		
Net Weight (Piece)	2.541 kg		

### **Dimensional drawing**



MH BAL 100W 90/140 QUAD KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5390001D	3.07 in	1.5 in	3.9 in	3.5 in	2.8 in	2.4 in

