



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

## CORE & COIL HID MH BAL 100W M90/140 480V/120T 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	M90-M140				
Lamp Type	100 MH				
Number of Lamps	1 piece/unit				
Circuit Type	HX-HPF				
Ballast Type	Magnetic HID				
Base Model	71A5340T				
Core Size	3 X 4 (2 coil)				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI533-H4				
Ignitor Temperature Rating	105°C				
Capacitor Value	10 MFD				
Capacitor Catalog Number	7C100M30RA				
Capacitor Requirements	300V				
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	480 V		
Input Frequency	60 Hz		
Inp. Current (Open Circuit)	0.55 A		
Input Current (Starting)	0.3 A		
Input Current (Short Circuit)	0.24-0.36 A		
Secondary Short Circuit Current	1.35-1.65 A		
Constant Wattage Deviation	12%		
Ballast Factor (Nom)	1		
Power Factor (Nom)	0.90		
Nominal Open Circuit Voltage	260 V		
Input Current (Operating) (Nom)	0.3 A A		
Input Power (Nom)	132 W		
Rated Lamp Watts	100 W		
Wiring			
Wire Striplength	0.5 mm		
Wire Length by Color	12"		
Wire Type	Stranded		
Remote Wiring Configuration Allowed	Yes		

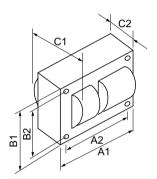
Datasheet, 2019, March 22 data subject to change

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

Max Ballast-Lamp Distance Remote Wiring 25'					
Recommended Fuse Value	2 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	234-286 V				
Approbation Marks	RoHS Compliant CSA certificate				
Temperature Marking	С				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029C				

Product Data	
Order product name	CORE & COIL HID MH BAL 100W M90/140
	480V/120T C&C
EAN/UPC - Product	781087094099
Order code	71A5340500DT
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	913700532809
Net Weight (Piece)	2.627 kg

#### Dimensional drawing



MH BAL 100W M90/140 480V/120T C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 100W	2.9 in	1.7 in	3.9 in	3.5 in	2.8 in	2.4 in
M90/140 480V/120T C&C						

