



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

CORE & COIL HID MH BAL 100W M90/140 120/277V 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	CWA			
Ballast Type	Magnetic HID			
Base Model	71A5383			
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	7C100M40R			
Capacitor Requirements	330V			
Capacitor Temperature Rating	105°C			
Capacitor Diameter/Oval Dimensions	1.45 in			
Capacitor Height	3.75 in			
Automatic Restart	No			

Operating and Electrical					
Input Voltage	120/277 V				
Input Frequency	60 Hz				
Inp. Current (Open Circuit)	1.05/0.45 A				
Input Current (Starting)	0.8/0.35 A				
Input Current (Short Circuit)	0.4-0.65/0.25-0.45 A				
Secondary Short Circuit Current	1.3-1.6 A				
Constant Wattage Deviation	8%				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Nominal Open Circuit Voltage	222 V				
Input Current (Operating) (Nom)	1.1/0.5 A A				
Input Power (Nom)	128 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				

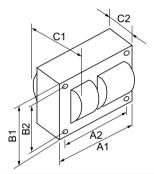
Datasheet, 2019, February 12 data subject to change

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

Max Ballast-Lamp Distance Remote Wiring 2'					
Recommended Fuse Value	3/2 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	200-245 V				
Approbation Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	C/C				
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		
	120/277V C&C		
EAN/UPC - Product	781087042816		
Order code	71A5383510D		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	4		
Material Nr. (12NC)	913710463302		
Net Weight (Piece)	2.572 kg		

Dimensional drawing



MH BAL 100W M90/140 120/277V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5383510D	2.8 in	1.6 in	3.9 in	3.5 in	2.8 in	2.4 in

