

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

CORE & COIL HID MH BAL 100W M90/140 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

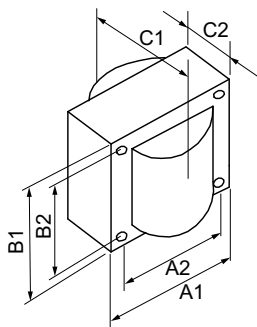
General Information		Operating and Electrical	
ANSI Code	M90-M140	Input Voltage	277 V
Lamp Type	100W MH	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Input Current (Open Circuit)	1.05 A
Circuit Type	R-HPF	Input Current (Starting)	0.7 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	0.25-0.35 A
Base Model	71A5337BP	Secondary Short Circuit Current	1.05-1.55 A
Core Size	2 5/8 x 2 3/16	Constant Wattage Deviation	10%
Suitable For Outdoor Use	Yes	Ballast Factor (Nom)	1
Ignitor Catalog Number	INTEGRAL	Power Factor (Nom)	0.90
Ignitor Temperature Rating	125°C	Open Circuit Voltage	277 V
Capacitor Value	10 MFD	Input Current (Nom)	0.45 A A
Capacitor Catalog Number	7C100M30RA	Input Power (Nom)	118 W
Capacitor Requirements	280V	Rated Lamp Power	100 W
Capacitor Temperature Rating	105°C		
Capacitor Diameter/Oval Dimensions	1.65 in	Wiring	
Capacitor Height	2.75 in	Wire Striplength	0.5 mm
Automatic Restart	No	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	3 A
Approval and Application	
Open Circuit Voltage Test (Volts)	260-290 V
Approval Marks	RoHS Compliant CSA certificate
Temperature Marking	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 MH BAL 100W M90/140 277V C&C
EAN/UPC - Product	781087097656
Order code	913710487702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	16
Material Nr. (12NC)	913710487702
Net Weight (Piece)	0.010 kg

Dimensional drawing



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

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 100W M90/140 277V C&C	3.1 in	1.8 in	2.6 in	2.2 in	2.2 in	1.8 in

