



# 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

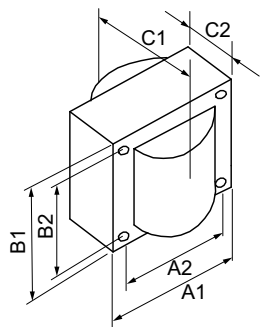
General Information		Operating and Electrical	
ANSI Code	M90-M140	Input Voltage	277 V
Lamp Type	100W MH	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Input Current (Open Circuit)	1.05 A
Circuit Type	R-HPF	Input Current (Starting)	0.7 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	0.25-0.35 A
Base Model	71A5337P	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	LI533-H4	Power Factor (Nom)	0.90
Ignitor Temperature Rating	105°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

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

Max Ballast-Lamp Distance Remote Wiring 2'	
Recommended Fuse Value	3 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	260-290 V
Approval Marks	ULR CSA certificate RoHS Compliant
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

<b>Product Data</b>	
Order product name	CORE & COIL HID MH BAL 100W M90/140 277V C&C
EAN/UPC - Product	781087097618
Order code	192880
Local order code	192880
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913700532609
Net Weight (Piece)	1.348 kg

### Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5337500DP	2.75 in	1.65 in	2.6 in	2.2 in	2.2 in	1.8 in

MH BAL 100W M90/140 127/220V C&C

