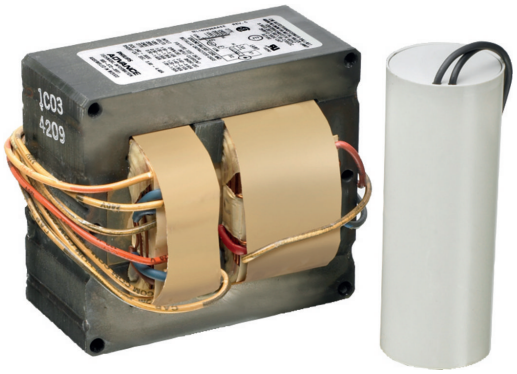
PHILIPS

Lighting



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

CORE & COIL HID MH BAL 150W M102/142 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	M102-M142
Lamp Type	150 MH
Number of Lamps	1 piece/unit
Circuit Type	R-HPF
Ballast Type	Magnetic HID
Base Model	71A5437BP
Core Size	2 5/8 x 2 3/16
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	INTEGRAL
Ignitor Temperature Rating	125°C
Capacitor Value	14 MFD
Capacitor Catalog Number	7C140M30RA
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	277 V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.5 A
Input Current (Starting)	0.7 A
Input Current (Short Circuit)	0.5-0.75 A
Secondary Short Circuit Current	2-2.5 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	277 V
Input Current (Nom)	0.63 A A
Input Power (Nom)	173 W
Rated Lamp Power	150 W

Wiring	
Wire Striplength	0.5 mm
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	4 A

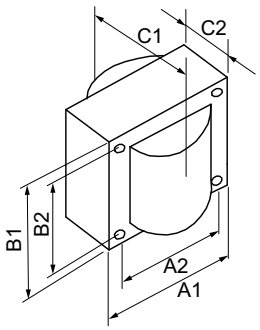
Approval and Application

Open Circuit Voltage Test (Volts)	250-305 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	B
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 MH BAL 150W M102/142 277V C&C
EAN/UPC - Product	781087097724
Order code	913700533209
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913700533209
Net Weight (Piece)	1.847 kg

Dimensional drawing



MH BAL 150W M102/142 277V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5437500DBP	4 in	2.5 in	2.6 in	2.2 in	2.2 in	1.8 in

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