



Core & Coil (71A) MH 175W - 450W

CORE & COIL HID MH BAL 175W M57 127/220V 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	M57-M107			
Lamp Type	175/150W MH			
Number of Lamps	1 piece/unit			
Circuit Type	CWA			
Ballast Type	Magnetic HID			
Base Model	71A55H0			
Core Size	3 X 4 (2 LW)			
Suitable For Outdoor Use	Yes			
Ignitor Catalog Number	NA			
Ignitor Temperature Rating	NA			
Capacitor Value	10 MFD			
Capacitor Catalog Number	7C100M40R			
Capacitor Requirements	400V			
Capacitor Temperature Rating	105°C			
Capacitor Diameter/Oval Dimensions	1.45 in			
Capacitor Height	3.75 in			
Automatic Restart	No			

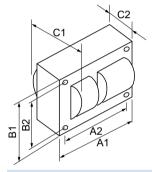
Operating and Electrical				
Input Voltage	127/220 V			
Input Frequency	60 Hz			
Input Current (Open Circuit)	1.65/1 A			
Input Current (Starting)	1.11/0.64 A			
Input Current (Short Circuit)	0.96-1.44/0.48-0.72 A			
Secondary Short Circuit Current	1.5-1.9 A			
Constant Wattage Deviation	10%			
Ballast Factor (Nom)	1			
Power Factor (Nom)	0.90			
Open Circuit Voltage	305 V			
Input Current (Nom)	1.8/1.04 A A			
Input Power (Nom)	210 W			
Rated Lamp Power	175/150 W			
Wiring				
Wire Striplength	0.5 mm			
Wire Length by Color	12"			
Wire Type	Stranded			
Remote Wiring Configuration Allowed	Yes			

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Max Ballast-Lamp Distance Remote Wiring Determined by AWG used				
Recommended Fuse Value	5/3 A			
Approval and Application				
Open Circuit Voltage Test (Volts)	275-335 V			
Approval Marks	ULR CSA certificate NOM certificate RoHS			
	Compliant			
Temperature Marking	B/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 175W M57		
	127/220V C&C		
EAN/UPC - Product	781087034767		
Order code	913701105519		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	2		
Material Nr. (12NC)	913701105519		
Net Weight (Piece)	3.403 kg		

Dimensional drawing



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Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 175W M57	3.87 in	2.4 in	3.9 in	3.5 in	2.8 in	2.4 in
127/220V C&C						



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www.lighting.philips.com 2019, March 22 - data subject to change