PHILIPS Lighting



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

CORE & COIL HID MH BAL 175W M57 120/277/347V 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	71A55A0				
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				

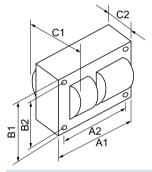
Operating and Electrical					
Input Voltage	120/277/347 V				
Input Frequency	60 Hz				
Inp. Current (Open Circuit)	1.91/0.79/0.63 A				
Input Current (Starting)	0.94/0.41/0.33 A				
Input Current (Short Circuit)	0.78-1.17/0.35-0.52/0.25-0.32 A				
Secondary Short Circuit Current	1.51-1.85 A				
Constant Wattage Deviation	10%				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Nominal Open Circuit Voltage	305 V				
Input Current (Operating) (Nom)	1.8/0.8/0.62 A A				
Input Power (Nom)	213 W				
Rated Lamp Watts	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	Determined by AWG used				
Wiring					
Recommended Fuse Value	5/3/2 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	275-337 V				
Approbation Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	C/C/D				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029D				

Product Data	
Order product name	CORE & COIL HID MH BAL 175W M57
	120/277/347V C&C
EAN/UPC - Product	781087099568
Order code	71A55A0500D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700503071
Net Weight (Piece)	3.207 kg

Dimensional drawing



MH BAL 175W M57 120/277/347V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 175W M57	4.02 in	2.41 in	3.9 in	3.5 in	2.8 in	2.4 in
120/277/347V C&C						



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