PHILIPS Lighting



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

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

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			

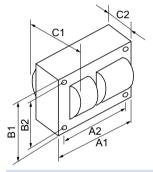
Operating and Electrical	
Input Voltage	120/277/347 V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.91/0.79/0.63 A
Input Current (Starting)	0.94/0.41/0.33 A
Input Current (Short Circuit)	0.78-1.17/0.35-0.52/0.25-0.32 A
Secondary Short Circuit Current	1.51-1.85 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	305 V
Input Current (Nom)	1.8/0.8/0.62 A A
Input Power (Nom)	213 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	Determined by AWG used			
Wiring				
Recommended Fuse Value	5/3/2 A			
Approval and Application				
Open Circuit Voltage Test (Volts)	275-337 V			
Approval 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 KIT
EAN/UPC - Product	781087096543
Order code	191866
Local order code	191866
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700525209
Net Weight (Piece)	3.389 kg

Dimensional drawing



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

.1	C2	A1	A2	B1	B2
.02 in	2.41 in	3.9 in	3.5 in	2.8 in	2.4 in
					C2 A1 A2 B1 D2 in 2.41 in 3.9 in 3.5 in 2.8 in



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