



Core & Coil (71A) MH 175W – 450W

CORE & COIL HID MH BAL 175W M57 480V 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	Input Frequency	60 Hz
Lamp Type	175/150W MH	Input Current (Open Circuit)	0.45 A
Number of Lamps	1 piece/unit	Input Current (Starting)	0.35 A
Circuit Type	CWA	Input Current (Short Circuit)	0.15-0.3 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	1.5-1.9 A
Base Model	71A5540	Constant Wattage Deviation	10%
Core Size	3 X 4 (2 coil)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	NA	Open Circuit Voltage	305 V
Ignitor Temperature Rating	NA	Input Current (Nom)	0.45 A A
Capacitor Value	10 MFD	Input Power (Nom)	210 W
Capacitor Catalog Number	7C100M40R	Rated Lamp Power	175/150 W
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	480 V		

Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
Recommended Fuse Value	2 A

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

Approval and Application

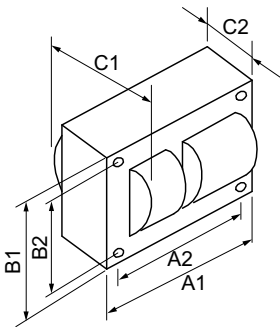
Open Circuit Voltage Test (Volts)	275-335 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029D

Product Data

Order product name	CORE & COIL HID MH BAL 175W M57 480V KIT
--------------------	---

EAN/UPC - Product	781087096444
Order code	193029
Local order code	193029
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700565809
Net Weight (Piece)	3.439 kg

Dimensional drawing



MH BAL 175W M57 480V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 175W M57 480V KIT	4 in	2.4 in	3.9 in	3.5 in	2.8 in	2.4 in

