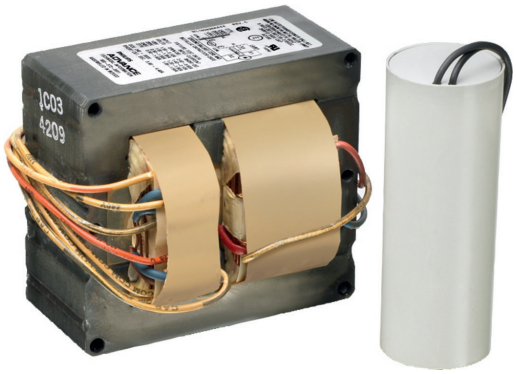
PHILIPS

Lighting



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

CORE & COIL HID MH BAL 175W M57 QUAD 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	71A5590
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	1.45 in
Dimensions	
Capacitor Height	3.75 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/208/240/277 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	1.78/1.08/0.93/0.81 A
Input Current (Starting)	1.26/0.7/0.61/0.53 A
Input Current (Short Circuit)	1.06-1.59/0.6-0.9/0.52-0.78/0.45-0.67 A
Secondary Short Circuit Current	1.5-1.9 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	305 V
Input Current (Operating) (Nom)	1.8/1.04/0.9/0.8 A A
Input Power (Nom)	210 W
Rated Lamp Watts	175/150 W

Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration	Yes
Allowed	

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

Max Ballast-Lamp Distance	Determined by AWG used
Remote Wiring	
Recommended Fuse Value	5/3/3/2 A

Approval and Application

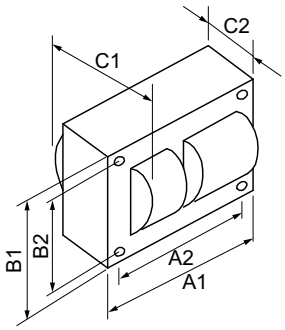
Open Circuit Voltage Test (Volts)	275-335 V
Approbation Marks	ULR CSA certificate NOM certificate RoHS Compliant
Temperature Marking	C/D/D/D
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029D

Product Data

Order product name	CORE & COIL HID MH BAL 175W M57 QUAD C&C
EAN/UPC - Product	781087041970
Order code	71A5590500DML
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710494709
Net Weight (Piece)	3.189 kg

Dimensional drawing



MH BAL 175W M57 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 175W M57 QUAD C&C	3.95 in	2.42 in	3.9 in	3.5 in	2.8 in	2.4 in

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