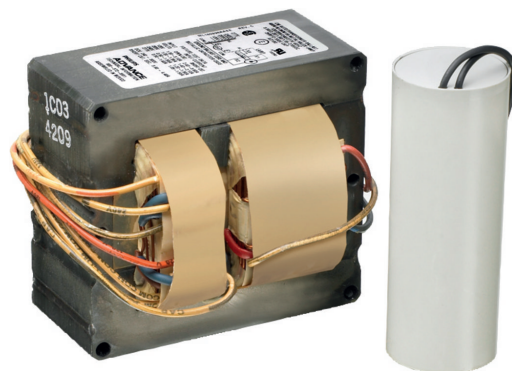


PHILIPS

Lighting



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

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	71A55HO
Core size	3 X 4 (2 LW)
Suitable for outdoor use	Yes
Ignitor catalogue number	NA
Ignitor temperature rating	NA
Capacitor value	10 MFD
Capacitor catalogue 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 strip length	0.5 mm
Wire length by colour	12"
Wire type	Stranded
Remote wiring configuration allowed	Yes
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 recognised	Yes

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

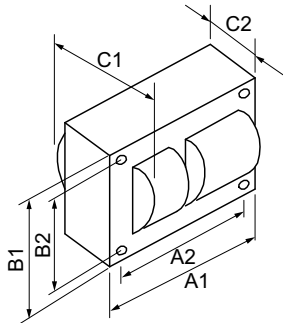
Hipot test (1 minute)	2000 V
Hipot test (2 seconds)	2500 V
UL insulation class	H(180°C)
UL temperature code	1029B

Product Data

Order product name	CORE & COIL HID MH BAL 175W M57 127/220V C&C
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EAN/UPC – product	781087034767
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	913701105519
Net weight (piece)	3.403 kg

Dimensional drawing



MH BAL 175W M57 127/220V C&C

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

