

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	M58
Lamp type	250W MH
Number of lamps	1 piece/unit
Circuit type	CWA
Ballast type	Magnetic HID
Base model	71A5771
Core size	3 X 4 (2 coil)
Suitable for outdoor use	Yes
Ignitor catalogue number	NA
Ignitor temperature rating	NA
Capacitor value	15 MFD
Capacitor catalogue number	7C150P40R
Capacitor requirements	400V
Capacitor temperature rating	105°C
Capacitor diameter/oval dimensions	1.75 in
Capacitor height	3.75 in
Automatic restart	No

Operating and Electrical

Input voltage	120/208/240/277 V
Input frequency	60 Hz
Input current (open circuit)	2.6/1.5/1.3/1.1 A
Input current (starting)	1/0.6/0.5/0.45 A

Input current (short circuit)	1.2-1.8/0.7-1/0.6-0.9/0.5-0.75 A
Secondary short-circuit current	2-3 A
Constant wattage deviation	8%
Ballast factor (nom.)	1
Power factor (nom.)	0.90
Open circuit voltage	300 V
Input current (nom.)	2.6/1.5/1.3/1.1 A
Input power (nom.)	294 W
Rated lamp power	250 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	8/5/5/3 A

Approval and Application

Open circuit voltage test (volts)	270-330 V
Approval marks	ULR CSA certificate RoHS Compliant
Temperature marking	C/C/D/D
UL recognised	Yes

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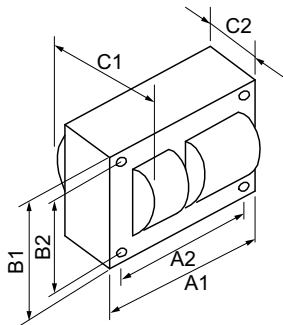
Hipot test (1 minute)	2000 V
Hipot test (2 seconds)	2500 V
UL insulation class	H(180°C)
UL temperature code	1029D

Product Data

Order product name	CORE & COIL HID MH BAL 250W M58 QUAD KIT
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EAN/UPC – product	781087096475
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	913700534909
Net weight (piece)	4.614 kg

Dimensional drawing



MH BAL 250W M58 QUAD KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 250W M58 QUAD KIT	4.2 in	3 in	3.9 in	3.5 in	2.8 in	2.4 in

