



# Core & Coil (71A) MH ~LT~ 175W

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	M98-M143
Lamp type	70W MH
Number of lamps	1 piece/unit
Circuit type	HX-HPF
Ballast type	Magnetic HID
Base model	71A5292
Core size	3 X 4 (2 LW)
Suitable for outdoor use	Yes
Ignitor catalogue number	LI533-H4
Ignitor temperature rating	105°C
Capacitor value	8 MFD
Capacitor catalogue number	7C080L30RA
Capacitor requirements	280V
Capacitor temperature rating	105°C
Capacitor diameter/oval dimensions	1.25 in
Capacitor height	2.75 in
Automatic restart	No

Operating and Electrical	
Input voltage	120/208/240/277 V
Input frequency	60 Hz
Input current (open circuit)	1.66/0.97/0.83/0.73 A

Input current (starting)	0.71/0.41/0.4/0.3 A
Input current (short circuit)	0.65-0.98/0.4-0.6/0.32-0.49/0.29-0.44 A
Secondary short-circuit current	1.03-1.26 A
Constant wattage deviation	7%
Ballast factor (nom.)	1
Power factor (nom.)	0.90
Open circuit voltage	255 V
Input current (nom.)	0.85/0.49/0.42/0.37 A A
Input power (nom.)	92 W
Rated lamp power	70 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	15'
Recommended fuse value	4/3/2/2 A

Approval and Application	
Open circuit voltage test (volts)	230-280 V
Approval marks	ULR CSA certificate RoHS Compliant

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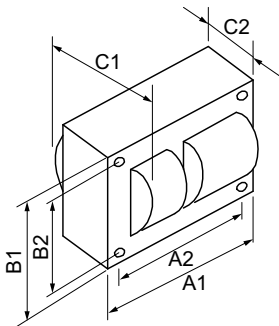
Temperature marking	A/A/A/A
UL recognised	Yes
Hipot test (1 minute)	2000 V
Hipot test (2 seconds)	2500 V
UL insulation class	H(180°C)
UL temperature code	1029A

EAN/UPC – product	781087017296
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12NC)	913700502591
Net weight (piece)	2.391 kg

### Product Data

Order product name	CORE & COIL HID MH BAL 70W M98/143 QUAD C&C
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### Dimensional drawing



MH BAL 70W M98/143 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5292510D	2.88 in	1.44 in	3.9 in	3.5 in	2.8 in	2.4 in

