# **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		Input curr
ANSI Code	M59	Secondar
Lamp type	400W MH	Constant
Number of lamps	1 piece/unit	Ballast fa
Circuit type	CWA	Power fac
Ballast type	Magnetic HID	Open circ
Base model	71A6091A	Input curr
Core size	4 1/4 x 4 3/4 (2 coil)	Input pow
Suitable for outdoor use	Yes	Rated lan
Ignitor catalogue number	NA	
Ignitor temperature rating	NA	Wiring
Capacitor value	24 MFD	Wire strip
Capacitor catalogue number	7C240P40R	Wire leng
Capacitor requirements	400V	Wire type
Capacitor temperature rating	105°C	Remote w
Capacitor diameter/oval dimensions	1.75 in	Max. balla
Capacitor height	4.8 in	Recomme
Automatic restart	No	
		Approva

Operating and Electrical	
Input voltage	120/208/240/277 V
Input frequency	60 Hz
Input current (open circuit)	3/1.8/1.5/1.35 A
Input current (starting)	3.25/1.9/1.65/1.45 A

Input current (short circuit)	2.54-3.81/1.46-2.19/1.27-1.9/1.1-1.66 A
Secondary short-circuit current	3.43-4.19 A
Constant wattage deviation	10%
Ballast factor (nom.)	1
Power factor (nom.)	0.90
Open circuit voltage	305 V
Input current (nom.)	4/2.3/2/1.72 A A
Input power (nom.)	455 W
Rated lamp power	400 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	10/7/5/5 A
Approval and Application	
Open circuit voltage test (volts)	275-335 V
Approval marks	ULR CSA certificate RoHS Compliant
Temperature marking	D/E/D/E
UL recognised	Yes
Hipot test (1 minute)	2000 V

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

Hipot test (2 seconds)	2500 V	
UL insulation class	H(180°C)	
UL temperature code	1029E	
Product Data		

CORE & COIL HID 71A6091510DA

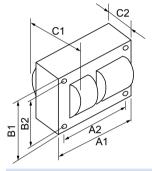
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Numerator – quantity per pack	1
Numerator – packs per outer box	3
Material no. (12NC)	913710467110
Net weight (piece)	5.131 kg

#### **Dimensional drawing**

Order product name

EAN/UPC - product



C2 CORE & COIL HID 71A6091510DA 4 in 2.13 in 4.8 in 4.4 in 4.3 in 3.9 in

**A**1

C1

B1

A2

B2

MH BAL 400W M59/H33 QUAD C&C



Product

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