# **PHILIPS** Lighting



2.54-3.81/1.46-2.19/1.27-1.9/1.1-1.66 A

## 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	M59
Lamp type	400W MH
Number of lamps	1 piece/unit
Circuit type	CWA
Ballast type	Magnetic HID
Base model	71A6071
Core size	4 1/4 x 4 3/4 (2 coil)
Suitable for outdoor use	Yes
Ignitor catalogue number	NA
Ignitor temperature rating	NA
Capacitor value	24 MFD
Capacitor catalogue number	7C240P40R
Capacitor requirements	400V
Capacitor temperature rating	105°C
Capacitor diameter/oval dimensions	1.75 in
Capacitor height	4.8 in
Automatic restart	No

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	Determined by AWG used
wiring	
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

Input current (short circuit)

#### **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	

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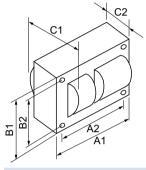
Hipot test (1 minute)	2000 V	
Hipot test (2 seconds)	2500 V	
UL insulation class	H(180°C)	
UL temperature code	1029E	
Product Data		

CORE & COIL HID MH BAL 400W M59 QUAD KIT

EAN/UPC – product	781087096499
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	913700525409
Net weight (piece)	5.421 kg

#### Dimensional drawing

Order product name



Product
C1
C2
A1
A2
B1
B2

CORE & COIL HID MH BAL 400W M59
4 in
2.13 in
4.8 in
4.4 in
4.3 in
3.9 in

QUAD KIT

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