



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

CORE & COIL HID MH BAL 350W M131 QUAD KIT

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 Characteristics

Lamp Type	350W MH
Number of Lamps	1 piece
Line Voltage	120/208/240/277 V
Input Current (Operating)	3.4/2/1.7/1.5 A
Line Frequency	60 Hz
Circuit Type	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	71A5993A
Core Size	4 1/4 x 4 3/4 (2 coil)
Suitable for Outdoor use?	Yes
Ignitor Catalog Number	LI533-H4
Ignitor Temp Rating	105°C
Capacitor value [µF]	22.5 MFD
Capacitor Catalog Number	7C225P40
Capacitor Requirements	345V
Capacitor Temp Rating	105°C
Capacitor Dia/Oval Dim	1.75 in
Capacitor Height	4.8 in
Family Name	Core & Coil MH

• Operating Characteristics

Automatic restart	No
Input Voltage at Lamp Dropout	60/104/120/138 V
Nominal Open Circuit Voltage	270 V
Inp. Current (Open Circuit)	2.2/1.3/1.1/1 A

Input Current (Starting)	2.2/1.3/1.1/1 A
Input Current Short Circuit	1.75-2.65/1.0-1.55/0.9-1.35/0.75-1.15 A
Secondary ShortCircuit Current	3.25-4 A
Input Power Gear	400 W
Constant wattage deviation	10%
Ballast factor	1 -
Power Factor	0.90

• Wiring Characteristics

Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Allowed Wiring Config(Remote)	Yes
Max Dist. Ball to Lamp(Remote)	2'
Recommended Fuse	10/7/5/5 A

• System Chars on driver level

Rated Lamp Watts	350W
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• Product Dimensions

Length A1	4.8 in
Length A2	4.4 in
Width B1	4.3 in
Coil Depth C1	3.65 in
Stack Height C2	1.8 in
Width B2	3.9 in

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• Approval & Application Chars

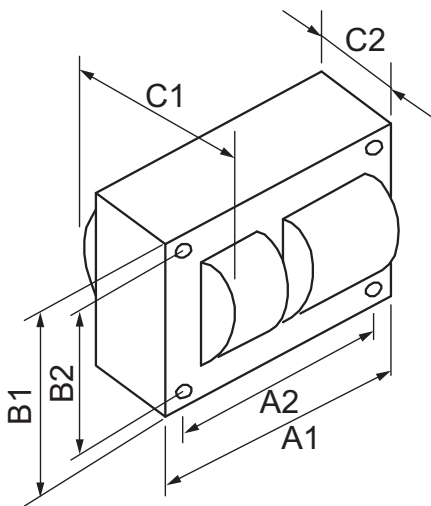
Approbation Marks	ULR, CSA, RoHS
CE marking	No
VDE certificate	No
UL Listed	No
CSA certificate	Yes
CCC certificate	No
Chia Quality Certificate	No
Temperature marking	D/C/C/C
CEC Listing	No
cUL certificate	No
EISA	No
ETL Certificate	No
FIDE Certificate	No
NOM certificate	No
RoHS Compliant	Yes
SASO Certificate	No
UL Recognized	Yes
ANSI Code	M131/M171

HiPot Test (1 minute)	2000 V
HiPot Test (2 seconds)	2500 V
Open Circ Voltage Test (Volts)	240-300 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029D

• Product Data

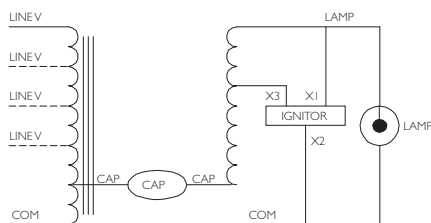
Product number	71A5993001D
Full product name	MH BAL 350W M131 QUAD KIT
Short product name	MH BAL 350W M131 QUAD KIT
Pieces per Sku	1
Skus/Case	1
Bar code on pack	781087097502
Bar code on case	30781087097503
Logistics code(s)	913700535509
eop_net_weight_pp	5.194 kg

Dimensional drawing



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Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	B2 (Norm)	C1 (Norm)	C2 (Norm)
MH BAL 350W M131 QUAD KIT	4.8	4.4	4.3	3.9	3.65	1.8



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data subject to change