



# 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 Information	
ANSI Code	M131-M171
Lamp Type	350W MH
Number of Lamps	1 piece/unit
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 Temperature Rating	105°C
Capacitor Value	22.5 MFD
Capacitor Catalog Number	7C225P40
Capacitor Requirements	345V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	4.8 in
Automatic Restart	No
Operating and Electrical	
Input Voltage	120/208/240/277 V

Input 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 Short Circuit Current   3.25-4 A     Constant Wattage Deviation   10%     Ballast Factor (Nom)   1     Power Factor (Nom)   0.90     Open Circuit Voltage   270 V     Input Current (Nom)   3.4/2/1.7/1.5 A A     Input Power (Nom)   400 W     Rated Lamp Power   350 W     Wiring     Wire Striplength   0.5 mm     Wire Length by Color   12"     Wire Type   Stranded     Remote Wiring Configuration Allowed   Yes     Max Ballast-Lamp Distance Remote   2'	Input Frequency	60 Hz
Input Current (Short Circuit)  1.75-2.65/1.0-1.55/0.9-1.35/0.75-1.15 A  Secondary Short Circuit Current  3.25-4 A  Constant Wattage Deviation  10%  Ballast Factor (Nom)  1  Power Factor (Nom)  Open Circuit Voltage  270 V  Input Current (Nom)  400 W  Rated Lamp Power  350 W  Wiring  Wire Striplength  0.5 mm  Wire Length by Color  Wire Type  Stranded  Remote Wiring Configuration Allowed  Remote Wiring Configuration Allowed  Yes  Max Ballast-Lamp Distance Remote  2'	Input Current (Open Circuit)	2.2/1.3/1.1/1 A
Secondary Short Circuit Current 3.25-4 A  Constant Wattage Deviation 10%  Ballast Factor (Nom) 1  Power Factor (Nom) 0.90  Open Circuit Voltage 270 V  Input Current (Nom) 3.4/2/1.7/1.5 A A  Input Power (Nom) 400 W  Rated Lamp Power 350 W  Wiring  Wire Striplength 0.5 mm  Wire Length by Color 12"  Wire Type Stranded  Remote Wiring Configuration Allowed Yes  Max Ballast-Lamp Distance Remote 2'	Input Current (Starting)	2.2/1.3/1.1/1 A
Constant Wattage Deviation 10%  Ballast Factor (Nom) 1  Power Factor (Nom) 0.90  Open Circuit Voltage 270 V  Input Current (Nom) 3.4/2/1.7/1.5 A A  Input Power (Nom) 400 W  Rated Lamp Power 350 W  Wiring  Wire Striplength 0.5 mm  Wire Length by Color 12"  Wire Type Stranded  Remote Wiring Configuration Allowed Yes  Max Ballast-Lamp Distance Remote 2'	Input Current (Short Circuit)	1.75-2.65/1.0-1.55/0.9-1.35/0.75-1.15 A
Ballast Factor (Nom)   1	Secondary Short Circuit Current	3.25-4 A
Power Factor (Nom)  Open Circuit Voltage  270 V  Input Current (Nom)  3.4/2/1.7/1.5 A A  Input Power (Nom)  Rated Lamp Power  350 W  Wiring  Wire Striplength  O.5 mm  Wire Length by Color  12"  Wire Type  Stranded  Remote Wiring Configuration Allowed  Remote Wiring Configuration Emote  2'	Constant Wattage Deviation	10%
Open Circuit Voltage 270 V Input Current (Nom) 3.4/2/1.7/1.5 A A Input Power (Nom) 400 W Rated Lamp Power 350 W  Wiring Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'	Ballast Factor (Nom)	1
Input Current (Nom) 3.4/2/1.7/1.5 A A Input Power (Nom) 400 W Rated Lamp Power 350 W  Wiring Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'	Power Factor (Nom)	0.90
Input Power (Nom) 400 W  Rated Lamp Power 350 W  Wiring  Wire Striplength 0.5 mm  Wire Length by Color 12"  Wire Type Stranded  Remote Wiring Configuration Allowed Yes  Max Ballast-Lamp Distance Remote 2'	Open Circuit Voltage	270 V
Rated Lamp Power 350 W  Wiring  Wire Striplength 0.5 mm  Wire Length by Color 12"  Wire Type Stranded  Remote Wiring Configuration Allowed Yes  Max Ballast-Lamp Distance Remote 2'	Input Current (Nom)	3.4/2/1.7/1.5 A A
Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'	Input Power (Nom)	400 W
Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'	Rated Lamp Power	350 W
Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'		
Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 2'	Wiring	
Wire Type Stranded  Remote Wiring Configuration Allowed Yes  Max Ballast-Lamp Distance Remote 2'	Wire Striplength	0.5 mm
Remote Wiring Configuration Allowed Yes  Max Ballast-Lamp Distance Remote 2'	Wire Length by Color	12"
Max Ballast-Lamp Distance Remote 2'	Wire Type	Stranded
· · · · · · · · · · · · · · · · · · ·	Remote Wiring Configuration Allowed	Yes
Wiring	Max Ballast-Lamp Distance Remote	2'
	Wiring	

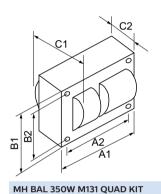
Datasheet, 2019, March 22 data subject to change

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

Recommended Fuse Value	10/7/5/5 A
Approval and Application	
Open Circuit Voltage Test (Volts)	240-300 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/C/C/C
UL Recognized	Yes
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 350W M131 QUAD KIT
EAN/UPC - Product	781087097502
Order code	913700535509
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700535509
Net Weight (Piece)	5.194 kg

### Dimensional drawing



 Product
 C1
 C2
 A1
 A2
 B1
 B2

 CORE & COIL HID MH BAL 350W M131
 3.65 in
 1.8 in
 4.8 in
 4.4 in
 4.3 in
 3.9 in

 QUAD KIT



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