



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

CORE & COIL HID MH BAL 50W M110 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	M110			
Lamp Type	50W MH			
Number of Lamps	1 piece/unit			
Circuit Type	HX-HPF			
Ballast Type	Magnetic HID			
Base Model	71A5191			
Core Size	3 X 4 (2 coil)			
Suitable For Outdoor Use	Yes			
Ignitor Catalog Number	LI533-H4			
Ignitor Temperature Rating	105°C			
Capacitor Value	6 MFD			
Capacitor Catalog Number	7C060L30RA			
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 Current (Open Circuit) 1.2/0.68/0.59/0.51 A Input Current (Starting) 0.46/0.27/0.17/0.2 A Input Current (Short Circuit) 0.42-0.65/0.25-0.37/0.21-0.32/0.16-0.27 A Secondary Short Circuit Current 0.7-0.88 A Constant Wattage Deviation 10% Ballast Factor (Nom) 1 Power Factor (Nom) 0.90 Open Circuit Voltage 254 V Input Current (Nom) 0.58/0.33/0.29/0.25 A A Input Power (Nom) 67 W Rated Lamp Power 50 W Wiring Wire Striplength 0.5 mm Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 10'	Input Frequency	60 Hz
Input Current (Short Circuit)	Input Current (Open Circuit)	1.2/0.68/0.59/0.51 A
Secondary Short Circuit Current 0.7-0.88 A Constant Wattage Deviation 10% Ballast Factor (Nom) 1 Power Factor (Nom) 0.90 Open Circuit Voltage 254 V Input Current (Nom) 67 W Rated Lamp Power 50 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 10'	Input Current (Starting)	0.46/0.27/0.17/0.2 A
Constant Wattage Deviation 10% Ballast Factor (Nom) 1 Power Factor (Nom) 0.90 Open Circuit Voltage 254 V Input Current (Nom) 0.58/0.33/0.29/0.25 A A Input Power (Nom) 67 W Rated Lamp Power 50 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 10'	Input Current (Short Circuit)	0.42-0.65/0.25-0.37/0.21-0.32/0.16-0.27 A
Ballast Factor (Nom) 1 Power Factor (Nom) 0.90 Open Circuit Voltage 254 V Input Current (Nom) 0.58/0.33/0.29/0.25 A A Input Power (Nom) 67 W Rated Lamp Power 50 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 10'	Secondary Short Circuit Current	0.7-0.88 A
Power Factor (Nom) Open Circuit Voltage 254 V Input Current (Nom) 0.58/0.33/0.29/0.25 A A Input Power (Nom) Rated Lamp Power 50 W Wiring Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Remote Wiring Distance Remote 10'	Constant Wattage Deviation	10%
Open Circuit Voltage 254 V Input Current (Nom) 0.58/0.33/0.29/0.25 A A Input Power (Nom) 67 W Rated Lamp Power 50 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 10'	Ballast Factor (Nom)	1
Input Current (Nom) 0.58/0.33/0.29/0.25 A A Input Power (Nom) 67 W Rated Lamp Power 50 W Wiring Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Remote Wiring Configuration Allowed Max Ballast-Lamp Distance Remote 10'	Power Factor (Nom)	0.90
Input Power (Nom) 67 W Rated Lamp Power 50 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 10'	Open Circuit Voltage	254 V
Rated Lamp Power 50 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 10'	Input Current (Nom)	0.58/0.33/0.29/0.25 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 10'	Input Power (Nom)	67 W
Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 10'	Rated Lamp Power	50 W
Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 10'		
Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 10'	Wiring	
Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 10'	Wire Striplength	0.5 mm
Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 10'	Wire Length by Color	12"
Max Ballast-Lamp Distance Remote 10'	Wire Type	Stranded
· · · · · · · · · · · · · · · · · · ·	Remote Wiring Configuration Allowed	Yes
Wiring	Max Ballast-Lamp Distance Remote	10'
	Wiring	

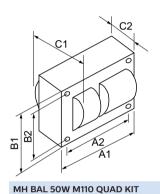
Datasheet, 2019, March 22 data subject to change

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Recommended Fuse Value	3/3/2/2 A
Approval and Application	
Open Circuit Voltage Test (Volts)	228-280 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A/A/A/A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029A

Product Data	
Order product name	CORE & COIL HID MH BAL 50W M110 QUAD KIT
EAN/UPC - Product	781087082782
Order code	913701135901
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913701135901
Net Weight (Piece)	2.228 kg

Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 50W M110	2.23 in	1.18 in	3.9 in	3.5 in	2.8 in	2.4 in
QUAD KIT						



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