



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

CORE & COIL HID MH BAL 150W M81 QUAD C&C

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	M102-M142			
Lamp Type	150 MH			
Number of Lamps	1 piece/unit			
Circuit Type	HX-HPF			
Ballast Type	Magnetic HID			
Base Model	71A5490			
Core Size	3 X 4 (2 coil)			
Suitable For Outdoor Use	Yes			
Ignitor Catalog Number	LI522-H5			
Ignitor Temperature Rating	105°C			
Capacitor Value	16 MFD			
Capacitor Catalog Number	7C160M30RA			
Capacitor Requirements	300V			
Capacitor Temperature Rating	105°C			
Capacitor Diameter/Oval Dimensions	1.65 in			
Capacitor Height	2.75 in			
Automatic Restart	No			
Operating and Electrical				
Input Voltage	120/208/240/277 V			
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Input Current (Open Circuit) 3.6/2.1/1.8/1.6 A Input Current (Starting) 1.7/1/0.85/0.8 A Input Current (Short Circuit) 1-1.6/0.75-1.1/0.5-0.8/0.45-0.65 A Secondary Short Circuit Current 2.1-2.6 A Constant Wattage Deviation 10% Ballast Factor (Nom) 1 Power Factor (Nom) 0.90 Open Circuit Voltage 240 V Input Current (Nom) 1.6/1/0.8/0.7 A A Input Power (Nom) 185 W Rated Lamp Power 150 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 20' Wiring	Input Frequency	60 Hz
Input Current (Short Circuit) 1-1.6/0.75-1.1/0.5-0.8/0.45-0.65 A Secondary Short Circuit Current 2.1-2.6 A Constant Wattage Deviation 10% Ballast Factor (Nom) 1 Power Factor (Nom) Open Circuit Voltage 240 V Input Current (Nom) 1.6/1/0.8/0.7 A A Input Power (Nom) 185 W Rated Lamp Power 150 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	Input Current (Open Circuit)	3.6/2.1/1.8/1.6 A
Secondary Short Circuit Current 2.1-2.6 A Constant Wattage Deviation 10% Ballast Factor (Nom) 1 Power Factor (Nom) 0.90 Open Circuit Voltage 240 V Input Current (Nom) 1.6/1/0.8/0.7 A A Input Power (Nom) 185 W Rated Lamp Power 150 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 20'	Input Current (Starting)	1.7/1/0.85/0.8 A
Constant Wattage Deviation 10% Ballast Factor (Nom) 1 Power Factor (Nom) 0.90 Open Circuit Voltage 240 V Input Current (Nom) 1.6/1/0.8/0.7 A A Input Power (Nom) 185 W Rated Lamp Power 150 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 20'	Input Current (Short Circuit)	1-1.6/0.75-1.1/0.5-0.8/0.45-0.65 A
Ballast Factor (Nom) 1	Secondary Short Circuit Current	2.1-2.6 A
Power Factor (Nom) Open Circuit Voltage 1.6/1/0.8/0.7 A A Input Power (Nom) Rated Lamp Power 150 W Wiring Wire Striplength O.5 mm Wire Length by Color Wire Type Stranded Remote Wiring Configuration Allowed Remote Wiring Configuration Emembee 20'	Constant Wattage Deviation	10%
Open Circuit Voltage 240 V Input Current (Nom) 1.6/1/0.8/0.7 A A Input Power (Nom) 185 W Rated Lamp Power 150 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 20'	Ballast Factor (Nom)	1
Input Current (Nom) Input Power (Nom) Rated Lamp Power 150 W Wiring Wire Striplength O.5 mm Wire Length by Color Wire Type Stranded Remote Wiring Configuration Allowed Remote Wiring Configuration Exempte 20'	Power Factor (Nom)	0.90
Input Power (Nom) 185 W Rated Lamp Power 150 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 20'	Open Circuit Voltage	240 V
Rated Lamp Power 150 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 20'	Input Current (Nom)	1.6/1/0.8/0.7 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 20'	Input Power (Nom)	185 W
Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 20'	Rated Lamp Power	150 W
Wire Striplength 0.5 mm Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 20'		
Wire Length by Color 12" Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 20'	Wiring	
Wire Type Stranded Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 20'	Wire Striplength	0.5 mm
Remote Wiring Configuration Allowed Yes Max Ballast-Lamp Distance Remote 20'	Wire Length by Color	12"
Max Ballast-Lamp Distance Remote 20'	Wire Type	Stranded
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Wiring	Max Ballast-Lamp Distance Remote	20'
	Wiring	

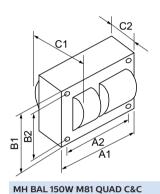
Datasheet, 2019, February 12 data subject to change

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Recommended Fuse Value	9/6/5/4 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	215-265 V				
Approval Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	C/C/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	1029C				

Product Data				
Order product name	CORE & COIL HID MH BAL 150W M81 QUAD			
	C&C			
EAN/UPC - Product	781087053850			
Order code	913700533609			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	4			
Material Nr. (12NC)	913700533609			
Net Weight (Piece)	3.797 kg			

Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5490500D	3.8 in	2.5 in	3.9 in	3.5 in	2.8 in	2.4 in

