

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

CORE & COIL HID MH BAL 150W M102/142 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	Input Frequency	60 Hz
Lamp Type	150 MH	Inp. Current (Open Circuit)	1.98/1/0.95/0.81 A
Number of Lamps	1 piece/unit	Input Current (Starting)	0.7/0.39/0.37/0.31 A
Circuit Type	SUPER-CWA	Input Current (Short Circuit)	0.33-0.5/0.17-0.26/0.16-0.24/0.15-0.22 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	1.9-2.35 A
Base Model	71A5493	Constant Wattage Deviation	10%
Core Size	3 X 4 (2 coil)	Ballast Factor (Nom)	1.0
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	LI501-J4	Nominal Open Circuit Voltage	217 V
Ignitor Temperature Rating	105°C	Input Current (Operating) (Nom)	1.64/0.92/0.85/0.73 A A
Capacitor Value	16 MFD	Input Power (Nom)	190 W
Capacitor Requirements	300V	Rated Lamp Watts	150 W
Capacitor Temperature Rating	105°C	Wiring	
Capacitor Diameter/Oval Dimensions	1.65 in	Wire Striplength	0.5 mm
Capacitor Height	2.75 in	Wire Length by Color	12"
Automatic Restart	No	Wire Type	Stranded
Operating and Electrical		Remote Wiring Configuration Allowed	Yes
Input Voltage	120/208/240/277 V	Tandem Wiring Configuration Allowed	No
		Through Wiring Configuration Allowed	No

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Max Ballast-Lamp Distance Remote Wiring	5'
Recommended Fuse Value	5/2.5/2/2 A

Mechanical and Housing

Housing	NA
Housing Dimensions	NA

Approval and Application

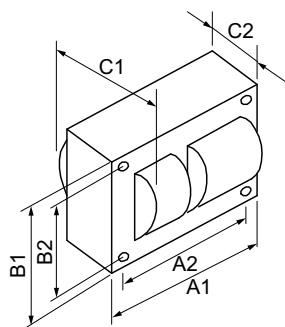
Open Circuit Voltage Test (Volts)	195-239 V
EMC Immunity Standard	NA
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/C/D/C
Sound Rating	NA
UL Recognized	Yes
Hipot Test (1 Minute)	1500 V

Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029D

Product Data

Order product name	CORE & COIL HID 71A5493520D
EAN/UPC - Product	781087076972
Order code	71A5493520D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710692702
Net Weight (Piece)	3.534 kg

Dimensional drawing



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Product	C1	C2
CORE & COIL HID 71A5493520D	3.75 in	2.40 in

