



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

CORE & COIL HID MH BAL 150W M102/142 480V/120T 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)	0.81 A
Number of Lamps	1 piece/unit	Input Current (Starting)	0.45 A
Circuit Type	HX-HPF	Input Current (Short Circuit)	0.33-0.49 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	1.91-2.33 A
Base Model	71A5443T	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	NA	Nominal Open Circuit Voltage	270 V
Ignitor Temperature Rating	LI533-H4	Input Current (Operating) (Nom)	0.42 A A
Capacitor Value	16 MFD	Input Power (Nom)	185 W
Capacitor Requirements	280V	Rated Lamp Watts	1 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 Gauge (Nom)	B mm
Automatic Restart	No	Wire Type	0.5
Operating and Electrical		Remote Wiring Configuration Allowed	Yes
Input Voltage	480 V	Tandem Wiring Configuration Allowed	No
		Through Wiring Configuration Allowed	No

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Max Ballast-Lamp Distance Remote Wiring	10'
Recommended Fuse Value	3 A

Mechanical and Housing

Housing	Core and coil MH
Housing Dimensions	NA

Approval and Application

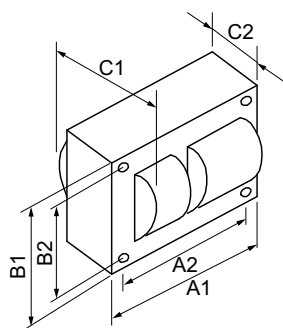
Open Circuit Voltage Test (Volts)	243-297 V
EMC Immunity Standard	NA
Approbation Marks	ULR CSA certificate RoHS Compliant
Sound Rating	NA
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V

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

Product Data

Order product name	CORE & COIL HID 71A5443520DT
EAN/UPC - Product	781087084199
Order code	71A5443520DT
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913701138503
Net Weight (Piece)	3.843 kg

Dimensional drawing



CORE & COIL HID 71A5443520DT

Product	C1	C2
CORE & COIL HID 71A5443520DT	3.92 in	2.80 in

