



Core & Coil (71A) MH 175W – 450W

CORE & COIL HID 71A5842500DTAEE

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	M132-M154	Input Frequency	60 Hz
Lamp Type	320W MH	Input Current (Open Circuit)	0.53 A
Number of Lamps	1 piece/unit	Input Current (Starting)	0.58 A
Circuit Type	SUPER-CWA	Input Current (Short Circuit)	0.46-0.70 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	2.8-3.5 A
Base Model	71A5842TAE	Constant Wattage Deviation	10%
Core Size	4 1/4 x 4 3/4 (2 coil)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	LI533-H4	Open Circuit Voltage	285 V
Ignitor Temperature Rating	105°C	Input Current (Nom)	0.8 A A
Capacitor Value	21 MFD	Input Power (Nom)	363 W
Capacitor Catalog Number	7C210P40R	Rated Lamp Power	320 W
Capacitor Requirements	345V	Wiring	
Capacitor Temperature Rating	105°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.75 in	Wire Length by Color	12"
Capacitor Height	4.80 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
Operating and Electrical		Max Ballast-Lamp Distance Remote Wiring	2'
Input Voltage	480/120T V	Recommended Fuse Value	3 A

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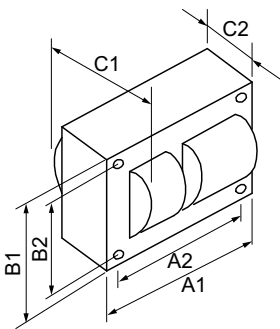
Approval and Application

Open Circuit Voltage Test (Volts)	260-310 V
Approval Marks	ULR CSA certificate EISA RoHS Compliant
Temperature Marking	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 71A5842500DTAEE
EAN/UPC - Product	781087070383
Order code	913710665702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710665702
Net Weight (Piece)	5.648 kg

Dimensional drawing



MH BAL 320W M132/M154 480V/120T C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5842500DTAEE	4.10 in	2.20 in	4.8 in	4.4 in	4.3 in	3.9 in

