



Encapsulated Core & Coil (73B)

ENCAPSULATED CORE & COIL HID MH BAL 150W M102/142 120/277V ENCAP

Where quiet performance is required, the standard open core and coil ballast is encapsulated (potted) in a cube-shaped steel can utilizing Class H (180°C) polyester compound.

Product data

• General Characteristics

Lamp Type	150W MH
Number of Lamps	1 piece
Line Voltage	120/277 V
Input Current (Operating)	1.6/0.7 A
Line Frequency	60 Hz
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	73B5482
Housing	Encap
Housing Dimensions	4.6" x 4.4" x 3.6"
Housing Material	Metal
Suitable for Outdoor use?	Yes
Ignitor Catalog Number	LI533-H4
Ignitor Temp Rating	105°C
Capacitor value [μF]	16 MFD
Capacitor Catalog Number	7C160M30RA
Capacitor Requirements	280V
Capacitor Temp Rating	105°C
Capacitor Dia/Oval Dim	1.65 in
Capacitor Height	2.75 in
Family Name	Encapsulated Core & Coil

• Operating Characteristics

Automatic restart	No
Input Voltage at Lamp Dropout	90/208 V
Nominal Open Circuit Voltage	265 V

Inp. Current (Open Circuit)	3.65/1.58 A
Input Current (Starting)	0.95/0.42 A
Input Current Short Circuit	1.2-1.9/0.5-0.8 A
Secondary ShortCircuit Current	2.05-2.55 A
Input Power Gear	185 W
Constant wattage deviation	12%
Ballast factor	1 -
Power Factor	0.90
Sound Rating	A

• Wiring Characteristics

Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Allowed Wiring Config(Remote)	Yes
Max Dist. Ball to Lamp(Remote)	10'
Recommended Fuse	10/4 A

• System Chars on driver level

Rated Lamp Watts	150W
------------------	------

• Product Dimensions

Length A1	6 in
Length A2	5.25 in
Length A3	4.6 in
Width B1	3.6 in

PHILIPS

Encapsulated Core & Coil (73B)

Height C1 4.4 in
 Fixing Hole Diameter D1 0.25 in
 Width B2 2 in

• Approval & Application Chars

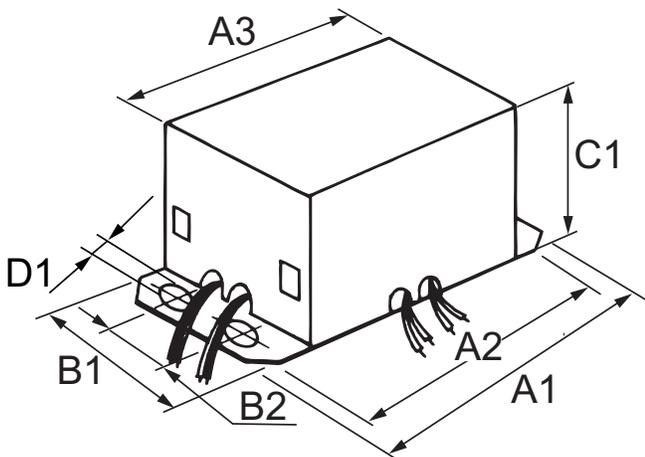
Approbation Marks ULR, CSA, RoHS
 CE marking No
 VDE certificate No
 UL Listed No
 CSA certificate Yes
 CCC certificate No
 Chia Quality Certificate No
 Temperature marking C/B
 CEC Listing No
 cUL certificate No
 EISA No
 ETL Certificate No
 FIDE Certificate No
 NOM certificate No
 RoHS Compliant Yes
 SASO Certificate No

UL Recognized Yes
 ANSI Code M102/M142
 HiPot Test (1 minute) 2000 V
 HiPot Test (2 seconds) 25000 V
 Open Circ Voltage Test (Volts) 235-290 V
 UL Insulation Class H(180°C)
 UL Temperature Code 1029C

• Product Data

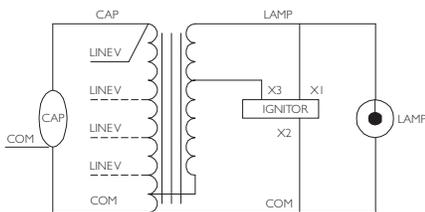
Product number 73B5482500D
 Full product name MH BAL 150W M102/142 120/277V ENCAP
 Short product name MH BAL 150W M102/142 120/277V ENCAP
 Pieces per Sku 1
 Skus/Case 3
 Bar code on pack 781087354827
 Bar code on case 50781087354822
 Logistics code(s) 913700542809
 eop_net_weight_pp 4.840 kg

Dimensional drawing



ENCAPSULATED CORE & COIL HID MH BAL 150W M102/142 120/277V ENCAP

Product	A1 (Nom)	A2 (Nom)	A3 (Nom)	B1 (Nom)	B2 (Nom)	C1 (Nom)	D1 (Nom)
MH BAL 150W M102/142 120/277V ENCAP	6	5.25	4.6	3.6	2	4.4	0.25





© 2014 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2014, August 30
data subject to change