



Encapsulated Core & Coil (73B)

ENCAPSULATED CORE & COIL HID MH BAL 70W
M98/143 120/277V 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	70W MH
Number of Lamps	1 piece
Line Voltage	120/277 V
Input Current (Operating)	0.85/0.37 A
Line Frequency	60 Hz
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	73B5282
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]	8 MFD
Capacitor Catalog Number	7C080L30RA
Capacitor Requirements	280V
Capacitor Temp Rating	105°C
Capacitor Dia/Oval Dim	1.25 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	255 V

Inp. Current (Open Circuit)	1.9/0.8 A
Input Current (Starting)	0.55/0.25 A
Input Current Short Circuit	0.55-0.8/0.25-0.45 A
Secondary ShortCircuit Current	0.95-1.25 A
Input Power Gear	90 W
Constant wattage deviation	7%
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)	15'
Recommended Fuse	4/2 A

• System Chars on driver level

Rated Lamp Watts	70W
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• Product Dimensions

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

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Height C1	3.4 in
Fixing Hole Diameter D1	0.25 in
Width B2	2 in

• Approval & Application Chars

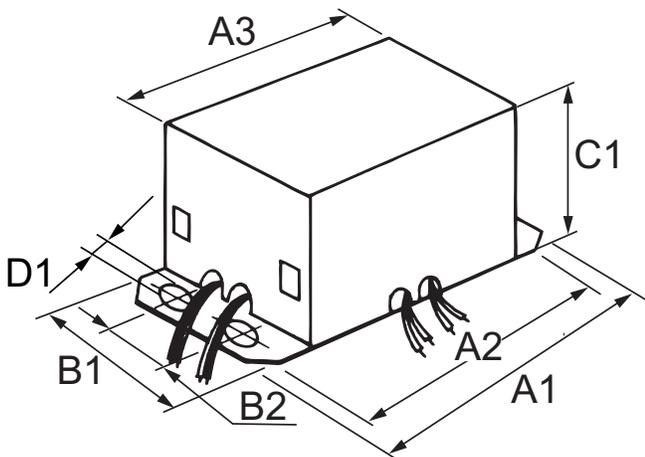
Approbation Marks	ULR, CSA, RoHS
CE marking	No
VDE certificate	No
UL Listed	No
CSA certificate	Yes
CCC certificate	No
China Quality Certificate	No
Temperature marking	A/A
CEC Listing	No
cUL certificate	No
EISA	No
ETL Certificate	No
FIDE Certificate	No
NOM certificate	No
RoHS Compliant	Yes
SASO Certificate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

UL Recognized	Yes
ANSI Code	M98
HiPot Test (1 minute)	2000 V
HiPot Test (2 seconds)	25000 V
Open Circ Voltage Test (Volts)	230-280 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029A

• Product Data

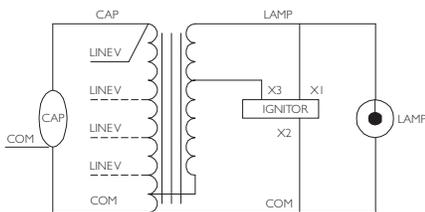
Product number	73B5282500D
Full product name	MH BAL 70W M98/143 120/277V ENCAP
Short product name	MH BAL 70W M98/143 120/277V ENCAP
Pieces per Sku	1
Skus/Case	4
Bar code on pack	781087352823
Bar code on case	50781087352828
Logistics code(s)	913700581409
eop_net_weight_pp	3.543 kg

Dimensional drawing



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Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	B1 (Norm)	B2 (Norm)	C1 (Norm)	D1 (Norm)
MH BAL 70W M98/143 120/277V ENCAP	6	5.25	4.6	3.6	2	3.4	0.25





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data subject to change